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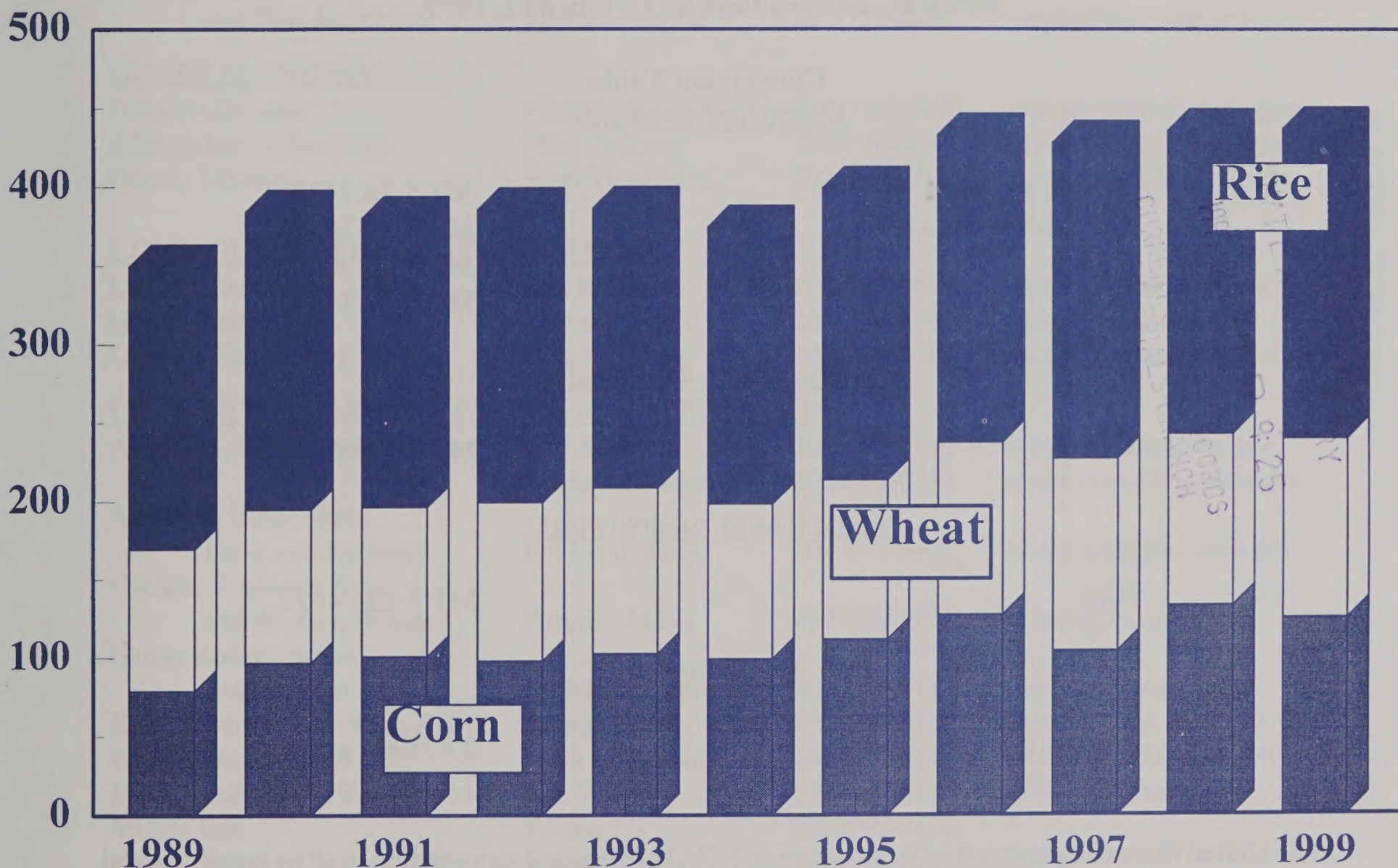
Foreign
Agricultural
Service

Circular Series
WAP 09-99
September 1999

World Agricultural Production

China's High Internal Support Prices Help Produce 4th Consecutive Bumper Harvest

Million tons



China's 1999/2000 total wheat, corn, and rice (rough basis) harvest is expected to exceed 430 million tons for the third time in four years. Despite a drought in parts of the North China Plain and excessive rainfall in the Yantze River Valley, strong yields are expected for all major grains in 1999/2000. The bumper crops will put additional pressure on domestic grain prices and storage facilities in China.

This report uses information from the Foreign Agricultural Services' global network of agricultural attaches and counselors; official statistics of foreign governments and other foreign source materials; and the results of economic and satellite imagery analysis. Estimates of foreign area, yield and production are from the Production Estimates and Crop Assessment Division, FAS, and are reviewed by USDA's Inter-Agency Commodity Estimates Committees. Estimates of U.S. area, yield and production are from USDA's National Agricultural Statistics Service. Numbers within the report may not add to totals because of rounding. This report reflects official USDA estimates released in the World Agricultural Supply and Demand Estimates (WASDE-354), September 10, 1999.

This report was prepared by the Production Estimates and Crop Assessment Division, FAS/USDA.

**The next issue of World Agricultural Production will be released after
3:00 p.m. Eastern time on October 12, 1999.**

Conversion Table
Metric tons to bushels

Wheat, soybeans	=	MT * 36.7437
Corn, sorghum, rye	=	MT * 39.36825
Barley	=	MT * 45.929625
Oats	=	MT * 68.894438

Metric tons to 480-lb bales

Cotton	=	MT * 4.592917
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Metric tons to hundredweight

Rice	=	MT * 22.04622
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Area & Weight

1 hectare	=	2.471044 acres
1 kilogram	=	2.204622 pounds

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For further information, contact: U.S. Department of Agriculture
Foreign Agriculture Service
Production Estimates and Crop Assessment Division
Ag Box 1045, Room 6053, South Building
Washington, D.C. 20250-1045
Telephone: (202) 720-0888
Fax: (202) 720-8880

CIRCULAR PUBLICATION

Circular Coordinator	Scott Thompson	202-720-0873	thompsons@fas.usda.gov
Word Processing	Mary Jackson	202-720-0888	jacksonma@fas.usda.gov
Data Base Manager	Marnet Whittington	202-720-0886	whittington@fas.usda.gov
Cover Graphics and Data Reliability	Theresa Wright	202-720-8887	wrightt@fas.usda.gov

GENERAL INFORMATION

Division Director	Allen Vandergriff	202-720-0888	vandergriff@fas.usda.gov
Administrative Assistant	Mary Jackson	202-720-0888	jacksonma@fas.usda.gov
Deputy Director	Scott Thompson	202-720-0873	thompsons@fas.usda.gov

COMMODITY SPECIFIC INFORMATION

Cotton Chairperson	Ron Roberson	202-720-0879	roberson@fas.usda.gov
Grain Chairperson	Timothy Rocke	202-720-1572	rocke@fas.usda.gov
Oilseeds Chairperson	Paul Provance	202-720-0881	provance@fas.usda.gov

COUNTRY AND REGION SPECIFIC INFORMATION

Argentina, Brazil, and Paraguay	Rao Achutuni/ Maria Anulacion	202-690-0140 202-690-0139	achutuni@fas.usda.gov anulacionm@fas.usda.gov
Australia, Bangladesh, India, and Pakistan	Jim Crutchfield	202-690-0135	crutchfield@fas.usda.gov
Canada, Southeast Asia, and Western Europe	Suzanne Miller	202-720-0882	millers@fas.usda.gov
China, Koreas, Japan, and southern Africa	Paulette Sandene	202-690-0133	sandene@fas.usda.gov
Eastern Europe and North Africa	Bryan Purcell	202-690-0138	purcellb@fas.usda.gov
Former Soviet Union	Mark Lindeman	202-690-0143	lindeman@fas.usda.gov
Mexico and Central America	Ron White	202-690-0137	whiter@fas.usda.gov
Middle East	Vacant	202-690-0134	
United States	Vacant	202-690-0138	
United States and Int'l Weather	Carl Gernazio	202-690-0136	gernazio@fas.usda.gov

WEB SITES OF INTEREST

Foreign Agricultural Service at <http://www.fas.usda.gov>
FAS Weekly Weather Maps at <http://www.fas.usda.gov/pecad/weather/weekly.html>
National Agricultural Statistics Service at <http://www.usda.nass.gov>
World Agricultural Outlook Board at <http://www.usda.gov/oce/waob>
Economic Research Service at <http://www.econ.ag.gov>
Joint Agricultural Weather Facility at <http://www.usda.gov/oce/waob/jawf>

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PRODUCTION BRIEFS

CHINA: CORN PRODUCTION DOWN DUE TO UNFAVORABLE WEATHER

China's 1999/2000 corn crop is reduced this month to 125.0 million tons, down 3.0 million or 2 percent from last month and down 6 percent from last year's revised crop. Area is lowered slightly to 25.1 million hectares and yield is projected down to 4.98 tons per hectare due to unfavorable weather in several corn-growing provinces during August. Southern and southwest China had excessive rainfall and cloudiness, and local flooding is reported in the lower Yangtze River valley. Dry weather continued to affect corn in parts of the North China Plain and Liaoning Province during the month. However, crop conditions were very good in Heilongjiang and Jilin, and moderate rainfall in mid-August brought drought relief to Shandong, Anhui, and Jiangsu provinces in northern China. The estimate for the 1998/99 corn crop was revised upward to a record 133 million tons.

CANADA: FAVORABLE WEATHER RESURRECTS WHEAT AND RAPESEED OUTPUT

Canada's 1999/2000 wheat production is estimated at 25.0 million tons, up 1.5 million from last month and 2 percent higher than last year. Wheat yield is forecast to match the 1996/97 record at 2.43 tons per hectare, up 7 percent from last month as favorable summer weather aided crop development and offset the delay caused by late planting. USDA's yield estimate matches Statistics Canada, which released a crop report on August 26 with the results of the July crop yield survey. Wheat area is forecast to remain at 10.3 million

hectares, the same as last month but down 5 percent from last year.

Canada's rapeseed production is estimated at 8.3 million tons, up 1.0 million from last month and up 9 percent from last year. Crop yield is forecast at a record 1.48 tons per hectare, up 14 percent from last month because of favorable weather. Rapeseed area is forecast to remain at 5.6 million hectares, the same as last month and up 3 percent from last year. Area forecasts for all crops were dampened early in the season owing to excessive moisture, which caused planting delays that left crops in many areas of the prairies two to four weeks behind normal development. Furthermore, cool wet weather in early summer raised concerns that an early frost could damage overall production. The first freeze in the prairies usually occurs in early September. However, nearly ideal warmth and dryness in August accelerated crop development such that frost is no longer a serious threat to yields. There are still concerns about frost, but at this point a frost would not greatly reduce the quantity of the crop, but may significantly reduce crop quality.

ARGENTINA: HIGHER AREA RAISES WHEAT OUTPUT

Argentina's 1999/2000 wheat production is estimated at 12.7 million tons, up 0.4 million from last month and up 15 percent from last season's revised output. Harvested area is estimated at 5.5 million hectares, up 0.3 million from last month and up 12 percent from last year. As of late-August, planting was virtually complete, according to the

Ministry of Agriculture. The weather and planting conditions have been generally favorable to date; however, light frost in late August across central and southern Buenos Aires and La Pampa burnt back very early vegetative growth. Yield is unchanged this month at 2.34 tons per hectare and is slightly below the 1998/99 crop as less fertilizer is being used which will restrict potential yield.

MEXICO: CORN AND SORGHUM INCREASED DUE TO FAVORABLE WEATHER

Mexico's 1999/2000 corn production is increased 0.5 million tons this month to 19.0 million based on favorable weather and an increase in area, mostly for the main season crop. Over 80 percent of the total crop is produced during the May to December season; while the second crop will be planted in the northwest during the autumn and harvested in the spring of 2000. Generally, favorable weather has supported yield this season. In addition, the 1998/99 corn crop is revised 0.3 million tons higher to 17.8 million due to an increase in area and a better than expected second crop. The 1999/2000 sorghum production is increased to 6.2 million tons, up 0.2 million from last month, but down marginally from last year's revised estimate. About two-thirds of the total sorghum crop is produced during the main season.

EU-15: WHEAT AND COARSE GRAIN PRODUCTION DROP

The EU-15 wheat production for 1999/2000 is estimated at 96.4 million tons, down slightly from last month and 7 percent below last year. Harvested area is reduced marginally from last month and down 1 percent from 1998/99 at 16.9 million hectares. This year's growing

season could not match the record yield of last season, falling from 6.05 tons per hectare to 5.69 tons. The decreased wheat production estimate in France from 38.5 million tons to 37.0 million is based on initial harvest results and is mainly responsible for the overall drop in the EU-15 wheat estimate. The decrease is partly offset by estimated yield increases in Germany causing production to rise from 19.0 million tons to 19.6 million and in United Kingdom as output climbed from 14.5 million tons to 15.0 million.

Coarse grain production decreased slightly to 101.4 million tons this month, down 0.8 million from last month and down 3 percent from last year. Overall, EU production is down as reductions in the barley and oats crops more than offset a slight increase in corn output. Barley production is estimated at 48.6 million tons, down 0.7 million from last month due mainly to a decreases in Spain and Finland; oats, 6.2 million tons, down 0.3 from last month due to a decrease in Finland; and corn, 35.8 million tons, up 0.1 million from last month.

AUSTRALIA: BARLEY AREA AND PRODUCTION FORECAST FALLS

Australian barley production for 1999/2000 is estimated at 4.7 million tons, down 6 percent or 0.3 million tons from last month's estimate due to a decrease in area. The latest harvested area is estimated at 2.5 million hectares, down from last month's 2.65 million based on an August 31 crop report from Australia's Bureau of Agricultural Resource and Economics (ABARE). This is the smallest barley area in four years with last year's area pegged at 3.0 million hectares. A glut of domestic feed grain supplies and a poor export price outlook due to aggressive EU subsidies have resulted in less barley being planted this

year. The weather over much of the grain growing regions have seen adequate rainfall amounts with exception of South Australia where dry areas continue to be a problem. Barley yield for Australia is projected to be 1.88 tons per hectare, up 4 percent from last season.

UKRAINE: PRIVATE SECTOR RAISES BARLEY OUTPUT

Ukraine's 1999/2000 barley production is estimated at 6.0 million tons, up 1.0 million from last month and up marginally from last year. The increase is based on a larger-than-expected harvest from the private sector. Between 1995 and 1998, the private sector in Ukraine was responsible for an estimated 9 to 11 percent of total grain production, roughly 3.0 to 3.5 million tons. Preliminary harvest results this season indicate that wheat and barley output from the private sector could jump by approximately 1.5 million tons due largely to high export potential. Unfavorable weather and harvest delays resulted in barley yield estimated at 1.71 tons per hectares, slightly above last year, but 17 percent below the 5-year average.

INDIA: COARSE GRAIN OUTPUT REDUCED DUE TO DRY WEATHER

India's 1999/2000 coarse grain production estimates are lowered this month based on monsoon activity. The larger producing regions of corn, sorghum, and millet experienced an extended dry spell and is now expected to have a moderate affect on the coarse grain yields. The major growing regions in the states of Rajasthan, Madhya Pradesh, and Bihar have received only 50 to 70 percent of the normal monsoon rainfall amounts as of early September. Corn

production is estimated at 10.5 million tons, down from last month's estimate of 11.0 million; sorghum production at 9.0 million tons, down from 10.0 million; and millet production at 9.5 million tons, down from 10.3 million. The rainfall pattern during September will be a significant determinant on final production levels.

BRAZIL: RICE CROP DROPS DUE TO LOWER AREA

Brazil's 1999/2000 rice area and production are lowered based on preliminary forecasts of planting intentions. Rice production forecast is reduced from 7.4 million tons (milled basis) to 7.2 million, down 3 percent from last month. Harvested area is forecast to fall from 4.0 million hectares to 3.8 million hectares, down 3 percent from last month, but up 4 percent from last season. The decrease in area this month is attributed to lack of available credit for farmers, increased production costs associated with the devaluation of the Real, and lower domestic prices for rice driven by excess production in Brazil, Argentina and Uruguay. Rice plantings begin in October.

THAILAND: RICE PRODUCTION RISES ON REVISED STATISTICS FROM MINISTRY

Thailand's rice production rose this month on both favorable main season rainfall and in light of new official past years' statistics from the Thai Ministry of Agriculture. Milled rice production for 1999/2000 rose 0.7 million tons from last month to 15.4 million tons, an increase of 2 percent from last year's revised output of 15.1 million. The increase in production is mainly due to increased area, up 0.5 million hectares to 9.8 million.

INDIA: POOR MONSOON RAINS
DIMINISH PEANUT PRODUCTION

Groundnut conditions have improved slightly during the past month in Andhra Pradesh but remain poor in Gujarat. Indian peanut production for 1999/2000 is estimated lower at 6.9 million tons, down from 8.0 million tons. Area remains at 8.0 million hectares. The decrease is the result of a weak monsoon and resulting dryness in the major groundnut growing regions of Gujarat and southern Andhra Pradesh. The main Gujarat growing region of Saurashtra has received only 40 percent of normal rainfall during the current monsoon for the period up to August 25 thus creating very dry conditions in this predominantly rain fed area. The current crop is reported to be at flowering and pod formation stages and susceptible to moisture stress. Rainfall levels during September will be a significant determinant of final production levels.

GERMANY: HARVEST COMPLETED
ON RECORD RAPESEED CROP

Germany's completed rapeseed harvest shows an estimated record production of 4.0 million tons, up 14 percent from last month's 3.5 million ton estimate and up 22 percent from last year's 3.3 million ton harvest. Area was unchanged from last month at a record 1.2 million hectares, but increased 14 percent from last season's 1.0 million hectares. Estimated yield this season is also a record at 3.48 million tons per hectare, up 7 percent from last year's 3.25 yield. Yield estimates were revised upward following information released by the German Ministry of Agriculture and favorable weather during the growing season.

PAKISTAN: COTTON ESTIMATED
HIGHER

Pakistan's cotton production for 1999/2000 is estimated at 7.2 million bales, up 0.2 million from last month and up 0.9 million from last year's weather and insect reduced crop. The increase is based largely on good growing weather and the absence of major pest problems, thus far. Weather through the end of August generally has been favorable. Except the May cyclone in the lower Sindh, which damaged or destroyed about 50,000 hectares of cotton, no other weather-related problems have been reported. Irrigation supplies are adequate and monsoon rains have been widespread and well spaced since mid-July. Rainfall has helped to control white fly populations. However, some pockets of bollworm infestations were reported. Rains have helped to keep day time temperatures around normal levels. Pesticide supplies are reported to be adequate. Weather and insect infestation levels in September and into early October will be major determinants of the final output.

UZBEKISTAN: COTTON YIELDS CUT
DUE TO UNFAVORABLE WEATHER,
LOCUST DAMAGE

Cotton production for 1999/2000 is estimated at 4.8 million bales, down from the 5.0 million last month, but up from the 4.6 million last year. According to the U.S. Agricultural Counselor, yield potential has been reduced because of unfavorable weather and some locust damage. An estimated 0.5 million hectares were replanted due to heavy spring rains, but subsequent wetter and cooler than normal conditions retarded crop development. Local sources reported that locusts have damaged 0.2 million hectares of cotton in the southern growing region. However, the U.S.

Agricultural Counselor says that the extent of locust damage is difficult to set. The government maintains that spraying and other measures have effectively reduced damage, while other observers believe that locusts have had and will continue to have a negative impact on production.

INDIA: COTTON AREA IS REDUCED
DUE TO ADVERSE SEEDING
CONDITIONS

Cotton production for 1999/2000 is forecast at 12.1 million 480 pound-bales. This is a reduction of 550,000 bales from last month's 12.65 million and a 700,000 bale reduction from last year's production of 12.8 million. The 1999/2000 area is estimated at 8.7 million

hectares, a drop of 300,000 hectares from last year due to weak monsoonal rains. Dry conditions during the planting windows in Gujarat, Karnataka, and Andhra Pradesh contributed to the decrease in area this season. Gujarat's cotton areas are the most affected with most of the area drop occurring in this state as the dryness has continued during the monsoon season. In past seasons, Gujarat has contributed nearly 30 percent of India's total cotton production. Due to the decline in area and crop stress, Gujarat is expected to contribute only 20 percent of the crop this season. The rainfed areas of the central and southern states will require a second round of monsoon rains in early September to sustain current progress. Another contributing factor to the area decrease is a slight shift from cotton to other crops in the northern states.

TABLE 1
U.S. Crop Acreage, Yield, and Production

COMMODITY	Planted Area			Harvested Area			Yield			Production		
	1997/98	1998/99	Proj. 1999/00	1997/98	1998/99	Proj. 1999/00	1997/98	1998/99	1999/00 Proj. Aug. Sept.	1997/98	1998/99	1999/00 Proj. Aug. Sept.
	--Million acres--			--Million acres--			--Bushels per acre--			--Million bushels--		
All Wheat	70.4	65.9	62.7	62.8	59.0	54.5	39.5	43.2	42.5	2,481	2,550	2,315
Winter	48.0	46.4	43.4	41.3	40.1	35.6	44.6	46.9	47.4	1,846	1,881	1,689
Other	22.4	19.5	19.3	21.5	18.9	18.9	29.5	35.4	33.1	635	669	618
Soybeans	70.0	72.4	74.1	69.1	70.8	73.3	38.9	38.9	39.2	2,689	2,757	2,778
Corn	79.5	80.2	77.6	72.7	72.6	71.0	126.7	134.4	134.7	9,207	9,761	9,381
Sorghum	10.1	9.6	9.3	9.2	7.7	8.5	69.2	67.3	69.2	634	520	588
Barley	6.7	6.3	5.2	6.2	5.9	4.8	58.1	60.1	58.2	360	352	283
Oats	5.1	4.9	4.7	2.8	2.8	2.6	59.5	60.4	61.6	167	167	162
							--Pounds per acre--			--Million CWT--		
Rice	3.1	3.4	3.6	3.1	3.3	3.6	5,897	5,669	5,993	183.0	188.1	212.1
										--Million 480-pound bales--		
All Cotton	13.9	13.4	14.6	13.4	10.7	13.6	673	625	649	18.8	13.9	17.5

September 1999

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 2
World Crop Production Summary

Commodity	World	Total Foreign	North America			Europe		FSU-12	Asia				South America		Selected Other			All Others			
			North America			Europe			Asia				South America		Selected Other						
			United States	Canada	Mexico	Europe Union	Oth. Europe		W. Europe	Eastern Europe	China	India	Indonesia	Pakistan	Thailand	Argentina	Brazil		Australia	South Africa	Turkey
---Million metric tons---																					
Wheat	1997/98	609.9	542.4	67.5	24.3	3.6	94.2	0.9	34.3	80.3	123.3	69.4	0.0	16.7	0.0	14.8	2.4	19.4	2.5	16.0	40.3
	1998/99 prel.	588.2	518.8	69.4	24.4	3.3	103.5	1.0	33.7	56.0	110.0	65.9	0.0	18.7	0.0	11.5	2.2	21.0	1.5	18.5	47.6
	1999/00 proj.																				
	Aug.	575.9	512.9	63.0	23.5	3.1	96.5	0.9	28.4	60.6	115.0	71.5	0.0	18.0	0.0	12.3	2.0	22.5	1.4	16.5	40.6
Sept.	576.9	514.1	62.8	25.0	3.1	96.4	0.9	28.8	60.5	115.0	71.5	0.0	18.0	0.0	12.7	2.0	22.5	1.4	16.5	39.8	
Coarse Grains	1997/98	880.7	620.2	260.4	25.1	23.1	109.4	1.7	58.6	67.9	114.7	31.0	5.7	1.9	3.9	24.7	31.3	9.5	8.0	10.0	93.9
	1998/99 prel.	886.7	615.2	271.6	26.5	24.6	105.0	1.7	51.1	37.8	145.2	31.1	6.5	1.8	4.5	17.7	33.2	9.0	7.5	10.6	101.4
	1999/00 proj.																				
	Aug.	872.5	605.9	266.5	25.8	25.1	102.2	1.6	48.8	39.7	139.1	32.8	5.8	1.8	4.2	20.0	34.9	7.8	8.5	10.0	97.9
Sept.	862.8	601.0	261.8	25.6	25.9	101.4	1.6	49.3	40.1	136.1	30.5	5.8	1.8	4.2	20.0	34.9	7.7	8.4	10.0	97.8	
Rice (Milled)	1997/98	386.1	380.3	5.8	0.0	0.3	1.8	0.0	0.0	0.8	140.5	82.3	30.6	4.3	15.5	0.7	5.8	1.0	0.0	0.2	96.5
	1998/99 prel.	386.8	380.7	6.1	0.0	0.3	1.7	0.0	0.0	0.8	135.0	84.7	32.1	4.7	15.0	1.1	7.7	1.0	0.0	0.2	96.3
	1999/00 proj.																				
	Aug.	391.2	384.2	7.0	0.0	0.3	1.7	0.0	0.0	0.7	138.0	84.5	32.1	4.6	14.7	0.9	7.4	1.0	0.0	0.2	98.1
Sept.	392.0	385.1	6.9	0.0	0.3	1.8	0.0	0.0	0.7	138.0	84.5	32.1	4.8	15.4	0.9	7.2	1.0	0.0	0.2	98.3	
Total Grains 1/	1997/98	1,876.6	1,542.9	333.7	49.4	27.0	205.4	2.6	93.0	149.0	378.4	182.6	36.3	22.8	19.4	40.1	39.5	29.9	10.5	26.3	230.7
	1998/99 prel.	1,861.7	1,514.6	347.1	50.9	28.1	210.2	2.7	84.9	94.7	390.2	181.7	38.6	25.2	19.5	30.3	43.1	31.0	9.0	29.3	245.3
	1999/00 proj.																				
	Aug.	1,839.5	1,503.0	336.5	49.3	28.5	200.4	2.6	77.3	101.0	392.1	188.8	37.9	24.4	18.9	33.1	44.3	31.3	9.9	26.7	236.6
Sept.	1,831.7	1,500.2	331.5	50.6	29.3	199.5	2.6	78.1	101.3	389.1	186.5	37.9	24.6	19.6	33.5	44.1	31.1	9.8	26.7	235.9	
Oilseeds 2/	1997/98	286.7	203.6	83.1	9.2	0.7	15.0	0.1	4.2	9.0	43.4	24.3	2.3	3.7	0.5	25.9	33.4	2.0	0.9	2.0	27.1
	1998/99 prel.	292.5	207.7	84.8	10.4	0.6	15.1	0.1	5.3	9.0	43.0	25.9	2.3	3.3	0.5	26.5	31.9	3.0	1.5	2.1	27.2
	1999/00 proj.																				
	Aug.	298.5	209.4	89.1	10.0	0.5	15.5	0.1	5.9	10.1	43.5	26.8	2.3	3.7	0.5	24.3	31.5	3.3	1.0	2.1	28.5
Sept.	296.5	210.1	86.4	11.1	0.5	16.3	0.1	6.0	10.2	43.5	25.1	2.3	3.7	0.5	24.8	31.5	3.4	1.0	2.1	28.2	
---Million 480-pound bales---																					
Cotton	1997/98	91.7	72.9	18.8	0.0	1.0	2.2	0.0	0.0	7.1	21.1	12.3	0.0	7.2	0.0	1.4	1.7	3.1	0.2	3.7	11.8
	1998/99 prel.	84.3	70.4	13.9	0.0	1.0	2.2	0.0	0.0	6.6	20.7	12.8	0.0	6.3	0.0	0.9	2.0	3.2	0.2	3.9	10.5
	1999/00 proj.																				
	Aug.	87.9	69.6	18.3	0.0	0.7	2.3	0.0	0.0	7.1	19.0	12.7	0.0	7.0	0.0	0.9	2.1	3.2	0.2	3.8	10.7
Sept.	86.3	68.8	17.5	0.0	0.6	2.3	0.0	0.0	6.8	19.0	12.1	0.0	7.2	0.0	0.9	2.1	3.1	0.2	3.8	10.6	

1/ Includes wheat, coarse grains, and rice (milled) shown above.
2/ Includes soybean, cottonseed, peanut (inshell), sunflowerseed, rapeseed for individual countries. Copra and palm kernel are added to world totals.
Note: Entries of 0.0 indicate no reported or insignificant production.

TABLE 3
Wheat Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	228.25	224.95	218.58	218.38	2.67	2.61	2.63	2.64	609.90	588.19	575.88	576.85	0.97	0.17	-11.33	-1.93
United States	25.43	23.88	22.04	22.04	2.66	2.91	2.86	2.85	67.53	69.41	62.99	62.78	-0.21	-0.34	-6.63	-9.56
Total Foreign	202.82	201.07	196.54	196.34	2.67	2.58	2.61	2.62	542.36	518.78	512.89	514.07	1.18	0.23	-4.70	-0.91
Major Exporters	44.55	44.38	44.54	44.73	3.43	3.61	3.48	3.50	152.68	160.37	154.82	156.55	1.74	1.12	-3.82	-2.38
European Union	17.13	17.11	16.94	16.93	5.50	6.05	5.70	5.69	94.18	103.47	96.52	96.35	-0.16	-0.17	-7.12	-6.88
France	5.11	5.25	5.22	5.22	6.61	7.66	7.38	7.09	33.76	40.20	38.50	37.00	-1.50	-3.90	-3.20	-7.96
United Kingdom	2.04	2.05	1.90	1.90	7.38	7.56	7.63	7.89	15.02	15.47	14.50	15.00	0.50	3.45	-0.47	-3.01
Germany	2.72	2.80	2.70	2.70	7.29	7.20	7.04	7.26	19.83	20.18	19.00	19.60	0.60	3.16	-0.58	-2.86
Canada	11.41	10.77	10.30	10.30	2.13	2.27	2.28	2.43	24.28	24.40	23.50	25.00	1.50	6.38	0.60	2.46
Australia	10.31	11.58	12.00	12.00	1.88	1.81	1.88	1.88	19.42	21.00	22.50	22.50	0.00	0.00	1.50	7.14
Argentina	5.70	4.92	5.30	5.50	2.60	2.34	2.32	2.31	14.80	11.50	12.30	12.70	0.40	3.25	1.20	10.43
Major Importers	93.80	90.24	86.53	86.62	2.67	2.37	2.49	2.49	250.08	213.94	215.86	216.11	0.25	0.12	2.17	1.01
China	30.06	29.80	29.00	29.00	4.10	3.69	3.97	3.97	123.30	110.00	115.00	115.00	0.00	0.00	5.00	4.55
FSU-12	48.26	44.65	43.82	43.82	1.66	1.26	1.38	1.38	80.34	56.04	60.63	60.53	-0.10	-0.16	4.49	8.02
Russia	26.10	26.00	25.00	25.00	1.69	1.03	1.24	1.24	44.20	26.90	31.00	31.00	0.00	0.00	4.10	15.24
Ukraine	6.51	5.64	5.90	5.90	2.83	2.65	2.37	2.37	18.40	14.94	14.00	14.00	0.00	0.00	-0.94	-6.27
Kazakhstan	11.50	9.10	9.20	9.20	0.78	0.52	0.71	0.71	8.95	4.70	6.50	6.50	0.00	0.00	1.80	38.30
Baltic States	0.57	0.58	0.58	0.58	2.69	2.61	2.61	2.61	1.55	1.50	1.50	1.50	0.00	0.00	0.00	0.00
Eastern Europe	9.86	9.69	8.15	8.25	3.48	3.48	3.49	3.49	34.35	33.74	28.43	28.78	0.35	1.23	-4.96	-14.69
Poland	2.56	2.63	2.57	2.58	3.21	3.62	3.50	3.60	8.19	9.54	9.00	9.30	0.30	3.33	-0.24	-2.49
Romania	2.35	2.00	1.60	1.65	3.06	2.60	2.81	2.79	7.19	5.20	4.50	4.60	0.10	2.22	-0.60	-11.54
Egypt	1.04	1.02	1.03	1.03	5.60	5.99	6.02	6.02	5.85	6.09	6.20	6.20	0.00	0.00	0.11	1.76
Morocco	2.49	3.09	2.70	2.70	0.93	1.42	0.78	0.78	2.32	4.38	2.10	2.10	0.00	0.00	-2.28	-52.03
Brazil	1.51	1.43	1.25	1.25	1.58	1.54	1.60	1.60	2.38	2.20	2.00	2.00	0.00	0.00	-0.20	-9.09
Other Foreign	64.47	66.45	65.48	65.00	2.17	2.17	2.17	2.18	139.61	144.46	142.21	141.41	-0.80	-0.56	-3.05	-2.11
India	25.89	26.69	26.80	26.80	2.68	2.47	2.67	2.67	69.35	65.91	71.50	71.50	0.00	0.00	5.59	8.49
Turkey	8.50	8.55	8.65	8.65	1.88	2.16	1.91	1.91	16.00	18.50	16.50	16.50	0.00	0.00	-2.00	-10.81
Pakistan	8.11	8.36	8.30	8.30	2.05	2.24	2.17	2.17	16.65	18.70	18.00	18.00	0.00	0.00	-0.70	-3.74
Mexico	0.80	0.77	0.75	0.75	4.54	4.22	4.13	4.13	3.64	3.25	3.10	3.10	0.00	0.00	-0.15	-4.62
Saudi Arabia	0.34	0.34	0.34	0.34	5.36	5.37	5.37	5.37	1.80	1.80	1.80	1.80	0.00	0.00	0.00	0.00
South Africa	1.39	0.75	0.75	0.70	1.77	2.04	1.87	2.00	2.47	1.53	1.40	1.40	0.00	0.00	-0.13	-8.50
Others	19.44	21.01	19.89	19.46	1.53	1.66	1.50	1.50	29.70	34.77	29.91	29.11	-0.80	-2.67	-5.66	-16.28

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TABLE 4
Total Coarse Grain Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	MMT	Percent	MMT	Percent

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TABLE 5
Corn Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	135.32	138.28	138.37	138.69	4.24	4.36	4.33	4.27	573.42	602.80	599.41	591.84	-7.56	-1.26	-10.96	-1.82
United States	29.41	29.38	28.72	28.72	7.95	8.44	8.46	8.30	233.86	247.94	242.86	238.29	-4.57	-1.88	-9.66	-3.89
Total Foreign	105.91	108.89	109.65	109.97	3.21	3.26	3.25	3.21	339.56	354.86	356.55	353.56	-2.99	-0.84	-1.30	-0.37
Major Exporters	29.91	30.69	31.40	31.20	4.39	5.00	4.82	4.76	131.20	153.60	151.50	148.50	-3.00	-1.98	-5.10	-3.32
Argentina	3.18	2.55	3.10	3.10	6.10	5.29	5.00	5.00	19.36	13.50	15.50	15.50	0.00	0.00	2.00	14.81
South Africa	2.96	2.90	3.00	3.00	2.55	2.45	2.67	2.67	7.54	7.10	8.00	8.00	0.00	0.00	0.90	12.68
China	23.78	25.24	25.30	25.10	4.39	5.27	5.06	4.98	104.30	133.00	128.00	125.00	-3.00	-2.34	-8.00	-6.02
Major Importers	21.48	21.45	21.10	21.60	4.58	3.89	4.06	3.99	98.43	83.34	85.64	86.15	0.50	0.59	2.81	3.37
Eastern Europe	6.91	6.91	6.86	6.83	4.62	3.68	3.75	3.75	31.94	25.41	25.73	25.63	-0.10	-0.39	0.21	0.83
Romania	3.03	3.00	3.00	3.00	4.18	2.83	3.00	3.00	12.68	8.50	9.00	9.00	0.00	0.00	0.50	5.88
Yugoslavia	2.12	2.12	1.90	1.90	4.59	3.88	3.68	3.68	9.70	8.20	7.00	7.00	0.00	0.00	-1.20	-14.63
European Union	4.26	4.09	4.05	4.07	9.02	8.44	8.81	8.79	38.47	34.49	35.68	35.79	0.10	0.29	1.30	3.77
France	1.84	1.76	1.73	1.73	9.10	8.35	8.67	8.50	16.75	14.70	15.00	14.70	-0.30	-2.00	0.00	0.00
Italy	1.04	0.97	1.00	1.00	9.63	8.88	10.00	10.00	10.01	8.60	10.00	10.00	0.00	0.00	1.40	16.28
Mexico	7.21	7.90	7.70	8.20	2.35	2.25	2.40	2.32	16.93	17.80	18.50	19.00	0.50	2.70	1.20	6.74
FSU-12	3.02	2.49	2.45	2.45	3.53	2.12	2.21	2.21	10.66	5.29	5.41	5.41	0.00	0.00	0.12	2.27
Russia	0.85	0.80	0.60	0.60	3.18	1.00	1.67	1.67	2.70	0.80	1.00	1.00	0.00	0.00	0.20	25.00
Ukraine	1.35	0.91	1.00	1.00	3.96	2.53	2.00	2.00	5.34	2.30	2.00	2.00	0.00	0.00	-0.30	-13.04
Other W. Europe	0.03	0.02	0.03	0.03	8.80	8.41	8.80	8.80	0.22	0.19	0.22	0.22	0.00	0.00	0.04	18.92
Others	0.05	0.04	0.03	0.03	4.33	4.17	4.23	4.23	0.21	0.17	0.11	0.11	0.00	0.00	-0.06	-35.67
Other Foreign	54.53	56.75	57.15	57.18	2.02	2.08	2.09	2.08	109.93	117.92	119.40	118.91	-0.49	-0.41	0.99	0.84
Thailand	1.08	1.29	1.20	1.20	3.43	3.33	3.33	3.33	3.70	4.30	4.00	4.00	0.00	0.00	-0.30	-6.98
Brazil	11.39	12.27	12.50	12.50	2.64	2.62	2.72	2.72	30.08	32.11	34.00	34.00	0.00	0.00	1.89	5.89
India	6.31	5.98	6.30	6.30	1.72	1.80	1.75	1.67	10.85	10.78	11.00	10.50	-0.50	-4.55	-0.28	-2.60
Canada	1.01	1.12	1.15	1.15	7.10	7.96	7.39	7.39	7.18	8.90	8.50	8.50	0.00	0.00	-0.40	-4.49
Indonesia	2.90	3.20	2.90	2.90	1.97	2.03	2.00	2.00	5.70	6.50	5.80	5.80	0.00	0.00	-0.70	-10.77
Philippines	2.37	2.78	2.60	2.60	1.49	1.73	1.62	1.62	3.53	4.80	4.20	4.20	0.00	0.00	-0.60	-12.50
Egypt	0.84	0.74	0.80	0.80	7.18	7.82	7.63	7.63	6.01	5.76	6.10	6.10	0.00	0.00	0.34	5.90
Zimbabwe	1.23	1.45	1.60	1.60	1.19	1.03	1.25	1.25	1.46	1.50	2.00	2.00	0.00	0.00	0.50	33.33
Others	27.42	27.94	28.10	28.13	1.51	1.55	1.56	1.56	41.42	43.27	43.80	43.81	0.01	0.02	0.54	1.25

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TABLE 6
Barley Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area			Yield			Production			Change in Production	
	Prel.			Prel.			Prel.			From last month	
	1997/98	1998/99	1999/00 Proj.	1997/98	1998/99	1999/00 Proj.	1997/98	1998/99	1999/00 Proj.	From last month	From last year
	Million hectares			Metric tons per hectare			Million metric tons			MMT	Percent
World	64.98	61.09	56.05	2.38	2.24	2.28	154.59	137.04	127.70	0.03	0.02
United States	2.51	2.37	1.96	3.12	3.23	3.13	7.84	7.67	6.13	0.03	0.44
Total Foreign	62.47	58.71	54.09	2.35	2.20	2.25	146.76	129.36	121.57	-0.00	-0.00
European Union	11.86	11.40	10.83	4.44	4.57	4.55	52.61	52.08	49.26	-0.71	-1.44
Denmark	0.72	0.69	0.65	5.40	5.20	5.38	3.89	3.57	3.50	0.00	0.00
France	1.68	1.62	1.53	6.06	6.65	6.21	10.18	10.74	9.50	0.20	2.11
Germany	2.27	2.18	2.28	5.89	5.74	5.75	13.40	12.52	13.10	0.20	1.53
Italy	0.36	0.36	0.35	3.31	3.79	3.71	1.18	1.38	1.30	0.00	0.00
Spain	3.71	3.53	3.10	2.32	3.09	2.61	8.60	10.90	8.10	-0.65	-8.02
United Kingdom	1.33	1.26	1.15	5.89	5.28	5.57	7.83	6.63	6.40	0.00	0.00
FSU-12	21.12	18.08	16.49	1.62	1.08	1.21	34.19	19.46	19.99	0.70	3.50
Russia	12.60	11.30	10.50	1.65	0.87	1.10	20.80	9.80	11.50	0.00	0.00
Ukraine	3.70	3.57	3.50	2.00	1.65	1.43	7.41	5.87	5.00	1.00	20.00
Kazakhstan	3.34	1.80	1.10	0.80	0.61	0.73	2.67	1.10	0.80	0.00	0.00
Baltic States	0.83	0.83	0.83	2.33	2.33	2.33	1.94	1.93	1.93	0.00	0.00
Eastern Europe	3.67	3.43	3.06	3.27	3.08	3.06	12.01	10.56	9.36	0.22	2.41
Poland	1.24	1.14	1.10	3.11	3.17	3.00	3.87	3.61	3.30	0.00	0.00
Czech Rep.	0.65	0.58	0.54	3.84	3.62	3.80	2.49	2.09	2.05	0.15	7.32
Romania	0.62	0.55	0.40	3.06	2.25	2.14	1.89	1.24	0.75	0.25	33.33
Canada	4.70	4.27	4.10	2.88	2.97	3.05	13.53	12.70	12.50	0.20	1.60
Other W. Europe	0.23	0.21	0.21	4.33	4.72	4.40	0.97	0.97	0.93	0.00	0.00
Norway	0.18	0.16	0.16	3.77	4.05	3.75	0.66	0.64	0.60	0.00	0.00
Turkey	3.70	3.60	3.60	1.97	2.11	1.94	7.30	7.60	7.00	0.00	0.00
Australia	3.46	2.99	2.65	1.88	1.80	1.89	6.48	5.38	5.00	-0.30	-6.00
China	1.30	1.20	1.00	3.08	2.92	3.00	4.00	3.50	3.00	0.00	0.00
Morocco	2.00	2.43	2.10	0.66	0.81	0.67	1.32	1.97	1.40	0.00	0.00
India	0.76	0.85	0.80	1.93	1.95	1.88	1.46	1.67	1.50	0.00	0.00
Others	8.85	9.43	8.42	1.24	1.23	1.15	10.95	11.55	9.71	-0.12	-1.18

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TABLE 7
Oats Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area					Yield					Production					Change in Production			
	Million hectares					Metric tons per hectare					Million metric tons					From last month		From last year	
	1997/98	Prel. 1998/99	Aug.	1999/00 Proj.	Sept.	1997/98	Prel. 1998/99	Aug.	1999/00 Proj.	Sept.	1997/98	Prel. 1998/99	Aug.	1999/00 Proj.	Sept.	MMT	Percent	MMT	Percent
World	16.63	15.44	14.26	14.30	14.30	1.86	1.67	1.76	1.74	1.74	30.90	25.76	25.09	24.91	24.91	-0.17	-0.70	-0.85	-3.29
United States	1.14	1.12	1.07	1.07	1.07	2.13	2.17	2.21	2.21	2.21	2.43	2.43	2.35	2.35	2.35	0.00	0.00	-0.07	-3.01
Total Foreign	15.49	14.32	13.19	13.23	13.23	1.84	1.63	1.72	1.71	1.71	28.47	23.34	22.74	22.56	22.56	-0.17	-0.77	-0.77	-3.32
FSU-12	7.47	6.16	5.46	5.46	5.46	1.50	0.99	1.13	1.12	1.12	11.23	6.12	6.20	6.10	6.10	-0.10	-1.61	-0.02	-0.36
Russia	6.50	5.20	4.50	4.50	4.50	1.45	0.88	1.00	1.00	1.00	9.40	4.60	4.50	4.50	4.50	0.00	0.00	-0.10	-2.17
Ukraine	0.55	0.55	0.55	0.55	0.55	1.92	1.35	1.64	1.64	1.64	1.06	0.74	0.90	0.90	0.90	0.00	0.00	0.16	21.62
Belarus	0.34	0.30	0.30	0.30	0.30	2.06	2.33	2.33	2.00	2.00	0.70	0.70	0.70	0.60	0.60	-0.10	-14.29	-0.10	-14.29
Baltic States	0.16	0.16	0.16	0.16	0.16	2.13	2.13	2.13	2.13	2.13	0.34	0.34	0.34	0.34	0.34	0.00	0.00	0.00	0.00
Maj. Foreign Exporters	2.72	2.78	2.53	2.55	2.55	2.07	2.13	2.05	2.09	2.09	5.63	5.90	5.18	5.33	5.33	0.15	2.90	-0.57	-9.66
Canada	1.50	1.59	1.45	1.45	1.45	2.32	2.49	2.48	2.48	2.48	3.49	3.96	3.60	3.60	3.60	0.00	0.00	-0.36	-9.04
Australia	0.93	0.91	0.80	0.82	0.82	1.75	1.71	1.50	1.65	1.65	1.63	1.56	1.20	1.35	1.35	0.15	12.50	-0.21	-13.29
Argentina	0.29	0.28	0.28	0.28	0.28	1.76	1.40	1.36	1.36	1.36	0.51	0.39	0.38	0.38	0.38	0.00	0.00	-0.00	-1.30
Other Foreign	5.51	5.61	5.43	5.45	5.45	2.27	2.13	2.28	2.18	2.18	12.52	11.95	12.37	11.89	11.89	-0.47	-3.84	-0.06	-0.49
China	0.45	0.55	0.50	0.50	0.50	0.89	1.18	1.20	1.20	1.20	0.40	0.65	0.60	0.60	0.60	0.00	0.00	-0.05	-7.69
European Union	2.00	1.93	1.85	1.84	1.84	3.33	3.22	3.54	3.38	3.38	6.66	6.23	6.54	6.21	6.21	-0.32	-4.97	-0.02	-0.32
France	0.13	0.14	0.13	0.12	0.12	4.24	4.77	4.50	4.67	4.67	0.56	0.64	0.59	0.56	0.56	-0.02	-4.27	-0.08	-13.04
Germany	0.31	0.26	0.28	0.28	0.28	5.16	4.84	5.00	4.82	4.82	1.60	1.28	1.40	1.35	1.35	-0.05	-3.57	0.07	5.63
Italy	0.15	0.15	0.15	0.15	0.15	2.06	2.49	2.47	2.47	2.47	0.31	0.38	0.37	0.37	0.37	0.00	0.00	-0.01	-2.12
Finland	0.37	0.39	0.39	0.39	0.39	3.37	2.52	3.46	2.82	2.82	1.24	0.98	1.35	1.10	1.10	-0.25	-18.52	0.13	12.82
Sweden	0.32	0.31	0.31	0.31	0.31	4.05	3.65	3.87	3.87	3.87	1.28	1.14	1.20	1.20	1.20	0.00	0.00	0.06	5.63
Eastern Europe	1.15	1.10	1.12	1.15	1.15	2.34	2.26	2.16	2.19	2.19	2.69	2.48	2.42	2.52	2.52	0.10	4.14	0.03	1.33
Czech Rep.	0.08	0.06	0.06	0.06	0.06	3.17	3.17	3.18	3.18	3.18	0.25	0.19	0.18	0.18	0.18	0.00	0.00	-0.02	-7.89
Poland	0.63	0.56	0.56	0.57	0.57	2.60	2.60	2.50	2.54	2.54	1.63	1.46	1.40	1.45	1.45	0.05	3.57	-0.01	-0.68
Yugoslavia	0.13	0.13	0.13	0.13	0.13	1.88	1.80	1.77	1.77	1.77	0.24	0.24	0.23	0.23	0.23	0.00	0.00	-0.01	-4.17
Norway	0.09	0.10	0.10	0.10	0.10	3.90	3.94	3.95	3.95	3.95	0.36	0.38	0.38	0.38	0.38	0.00	0.00	-0.00	-0.79
Turkey	0.16	0.17	0.15	0.15	0.15	1.77	1.80	1.72	1.72	1.72	0.28	0.31	0.25	0.25	0.25	0.00	0.00	-0.06	-19.35
Others	1.29	1.37	1.33	1.33	1.33	0.69	0.67	0.63	0.63	0.63	0.88	0.93	0.84	0.84	0.84	0.00	0.00	-0.08	-8.97

TABLE 8
Rye Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area			Yield			Production			Change in Production							
	1999/00 Proj.			1999/00 Proj.			1999/00 Proj.			From last month		From last year					
	Prel.	1998/99	Aug.	Sept.	Prel.	1998/99	Aug.	Sept.	Prel.	1998/99	Aug.	Sept.	MMT	Percent	MMT	Percent	
	1997/98	1998/99	Aug. <td>Sept.</td> <td>1997/98</td> <td>1998/99</td> <td>Aug.<td>Sept.</td><td>1997/98</td><td>1998/99</td><td>Aug.<td>Sept.</td><td></td><td></td><td></td><td></td></td></td>	Sept.	1997/98	1998/99	Aug. <td>Sept.</td> <td>1997/98</td> <td>1998/99</td> <td>Aug.<td>Sept.</td><td></td><td></td><td></td><td></td></td>	Sept.	1997/98	1998/99	Aug. <td>Sept.</td> <td></td> <td></td> <td></td> <td></td>	Sept.					
	Million hectares			Metric tons per hectare			Million metric tons										
World	10.37	10.35	10.06	10.07	2.35	1.96	1.98	2.02	24.40	20.32	19.93	20.29	0.36	1.82	-0.03	-0.13	
United States	0.13	0.17	0.16	0.16	1.62	1.78	1.67	1.67	0.21	0.30	0.27	0.27	0.00	0.00	-0.03	-11.00	
Total Foreign	10.24	10.18	9.90	9.91	2.36	1.97	1.99	2.02	24.19	20.02	19.66	20.02	0.36	1.84	0.01	0.03	
FSU-12	5.66	5.47	5.57	5.57	1.95	1.12	1.32	1.28	11.01	6.11	7.36	7.16	-0.20	-2.72	1.05	17.20	
Russia	4.00	3.80	4.00	4.00	1.88	0.87	1.13	1.13	7.50	3.30	4.50	4.50	0.00	0.00	1.20	36.36	
Ukraine	0.70	0.70	0.60	0.60	1.94	1.64	1.67	2.00	1.35	1.14	1.00	1.20	0.20	20.00	0.06	5.26	
Belarus	0.89	0.90	0.90	0.90	2.36	1.78	2.00	1.56	2.10	1.60	1.80	1.40	-0.40	-22.22	-0.20	-12.50	
Baltic States	0.24	0.24	0.24	0.24	2.08	2.04	2.04	2.04	0.49	0.49	0.49	0.49	0.00	0.00	0.00	0.00	
Major Exporter																	
Canada	0.16	0.20	0.16	0.16	1.98	1.95	2.00	2.34	0.32	0.40	0.32	0.38	0.06	17.19	-0.02	-5.78	
Other Foreign	4.18	4.27	3.93	3.94	2.96	3.05	2.93	3.05	12.37	13.02	11.50	12.00	0.51	4.41	-1.02	-7.84	
Eastern Europe	2.56	2.53	2.43	2.44	2.32	2.48	2.41	2.51	5.93	6.28	5.85	6.10	0.25	4.27	-0.18	-2.80	
Hungary	0.07	0.06	0.07	0.04	2.00	2.08	1.86	2.00	0.14	0.13	0.13	0.08	-0.05	-38.46	-0.05	-37.98	
Poland	2.30	2.29	2.20	2.24	2.31	2.47	2.41	2.50	5.30	5.66	5.30	5.60	0.30	5.66	-0.06	-1.13	
Czech Rep.	0.08	0.07	0.06	0.06	3.41	3.63	3.64	3.64	0.26	0.26	0.20	0.20	0.00	0.00	-0.06	-23.37	
European Union	1.34	1.46	1.19	1.18	4.51	4.37	4.43	4.66	6.03	6.36	5.25	5.51	0.26	4.90	-0.86	-13.47	
Denmark	0.08	0.11	0.06	0.06	5.39	5.12	4.73	4.73	0.45	0.54	0.26	0.26	0.00	0.00	-0.28	-51.67	
France	0.05	0.05	0.05	0.04	4.40	4.84	4.84	4.51	0.21	0.22	0.22	0.19	-0.03	-15.14	-0.03	-15.14	
Germany	0.85	0.94	0.75	0.75	5.41	5.10	5.33	5.72	4.58	4.77	4.00	4.29	0.29	7.25	-0.48	-10.14	
Spain	0.15	0.15	0.15	0.15	1.48	1.50	1.50	1.50	0.23	0.23	0.23	0.23	0.00	0.00	0.00	0.00	
Austria	0.06	0.06	0.06	0.06	3.63	4.29	3.88	3.88	0.21	0.24	0.23	0.23	0.00	0.00	-0.01	-4.66	
Sweden	0.03	0.04	0.02	0.02	5.17	4.60	5.42	5.42	0.15	0.16	0.13	0.13	0.00	0.00	-0.03	-19.25	
Turkey	0.15	0.15	0.18	0.18	1.60	1.61	1.39	1.39	0.24	0.24	0.25	0.25	0.00	0.00	0.01	5.49	
Others	0.14	0.14	0.14	0.14	1.18	1.07	1.06	1.06	0.17	0.15	0.15	0.15	-0.00	-0.00	-0.00	-0.68	

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TABLE 9
Sorghum Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	41.42	39.81	41.20	41.19	1.41	1.51	1.48	1.45	58.21	59.97	60.81	59.70	-1.12	-1.84	-0.27	-0.46
United States	3.71	3.13	3.44	3.44	4.34	4.23	4.34	4.28	16.09	13.21	14.94	14.73	-0.20	-1.35	1.53	11.55
Total Foreign	37.72	36.69	37.76	37.75	1.12	1.27	1.21	1.19	42.12	46.77	45.88	44.96	-0.91	-1.99	-1.80	-3.85
India	10.99	10.24	10.80	10.80	0.73	0.83	0.93	0.83	7.98	8.53	10.00	9.00	-1.00	-10.00	0.48	5.57
China	1.08	1.10	1.10	1.10	3.36	4.55	4.09	4.09	3.64	5.00	4.50	4.50	0.00	0.00	-0.50	-10.00
Mexico	1.80	1.95	1.85	1.85	3.16	3.21	3.24	3.35	5.70	6.25	6.00	6.20	0.20	3.33	-0.05	-0.80
Nigeria	6.50	6.60	6.60	6.60	1.07	1.11	1.09	1.09	6.93	7.30	7.20	7.20	0.00	0.00	-0.10	-1.37
Sudan	5.70	5.20	5.70	5.70	0.56	0.87	0.56	0.56	3.20	4.50	3.20	3.20	0.00	0.00	-1.30	-28.89
Argentina	0.79	0.75	0.80	0.80	4.80	4.27	4.38	4.38	3.77	3.20	3.50	3.50	0.00	0.00	0.30	9.37
Australia	0.57	0.68	0.60	0.60	1.90	2.45	2.00	2.00	1.08	1.66	1.20	1.20	0.00	0.00	-0.46	-27.88
Ethiopia	1.45	1.60	1.50	1.50	0.90	1.06	1.10	1.10	1.30	1.70	1.65	1.65	0.00	0.00	-0.05	-2.94
Colombia	0.07	0.06	0.06	0.06	2.77	2.92	3.00	3.00	0.18	0.18	0.17	0.17	0.00	0.00	-0.01	-5.71
Venezuela	0.25	0.24	0.24	0.24	1.55	1.54	1.54	1.54	0.38	0.37	0.37	0.37	0.00	0.00	0.00	0.00
Egypt	0.16	0.16	0.16	0.16	4.78	4.78	4.84	4.84	0.76	0.77	0.75	0.75	0.00	0.00	-0.01	-1.96
Yemen	0.38	0.38	0.40	0.40	0.96	1.00	0.90	0.90	0.36	0.38	0.36	0.36	0.00	0.00	-0.01	-4.00
Tanzania	0.63	0.50	0.65	0.65	0.80	0.85	0.92	0.92	0.50	0.43	0.60	0.60	0.00	0.00	0.18	41.18
Niger	1.40	1.40	1.40	1.40	0.30	0.30	0.29	0.29	0.43	0.43	0.40	0.40	0.00	0.00	-0.03	-5.88
South Africa	0.13	0.10	0.10	0.10	2.02	1.56	2.00	2.00	0.27	0.16	0.20	0.20	0.00	0.00	0.04	28.21
Thailand	0.16	0.16	0.16	0.16	1.25	1.25	1.25	1.25	0.20	0.20	0.20	0.20	0.00	0.00	0.00	0.00
Others	5.68	5.57	5.65	5.64	0.96	1.03	0.99	0.97	5.44	5.73	5.58	5.47	-0.11	-2.06	-0.27	-4.64

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TABLE 10
Rice Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield (Rough)				Production (Milled)				Change in Production			
	Prel.				Prel.				Prel.				From last month			
	1997/98	1998/99	1999/00 Proj.	1999/00 Proj.	1997/98	1998/99	1999/00 Proj.	1999/00 Proj.	1997/98	1998/99	1999/00 Proj.	1999/00 Proj.	From last month	From last year	From last year	From last year
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	151.15	152.00	152.91	153.45	3.79	3.78	3.80	3.79	386.07	386.85	391.16	392.04	0.88	0.23	5.20	1.34
United States	1.26	1.34	1.45	1.44	6.61	6.36	6.72	6.69	5.77	6.14	7.00	6.93	-0.07	-0.99	0.79	12.82
Total Foreign	149.90	150.66	151.46	152.01	3.77	3.76	3.77	3.77	380.30	380.71	384.17	385.12	0.95	0.25	4.41	1.16
Major Exporters	63.05	64.17	63.65	64.24	2.89	2.90	2.91	2.91	121.24	123.79	123.20	124.10	0.90	0.73	0.31	0.25
Vietnam	7.38	7.44	7.45	7.45	3.92	3.94	3.95	3.95	19.09	19.33	19.40	19.40	0.00	0.00	0.07	0.36
Thailand	9.94	9.83	9.30	9.84	2.36	2.32	2.39	2.37	15.51	15.05	14.70	15.40	0.70	4.76	0.35	2.34
India	43.42	44.48	44.50	44.50	2.84	2.86	2.85	2.85	82.30	84.74	84.50	84.50	0.00	0.00	-0.24	-0.28
Pakistan	2.32	2.42	2.40	2.45	2.81	2.89	2.88	2.94	4.33	4.67	4.60	4.80	0.20	4.35	0.13	2.70
Major Importers	21.86	22.22	22.84	22.80	3.49	3.68	3.59	3.60	48.78	52.35	52.57	52.49	-0.08	-0.15	0.14	0.27
Indonesia	11.61	11.50	11.60	11.60	4.17	4.42	4.38	4.38	30.63	32.10	32.10	32.10	0.00	0.00	0.00	0.00
Brazil	3.29	3.68	3.95	3.83	2.60	3.09	2.75	2.75	5.82	7.72	7.40	7.18	-0.22	-3.04	-0.54	-7.06
European Union	0.42	0.42	0.41	0.41	6.37	6.16	6.62	6.70	1.80	1.70	1.74	1.77	0.03	1.44	0.07	4.19
Iran	0.60	0.60	0.58	0.58	4.00	4.38	4.18	4.18	1.60	1.75	1.60	1.60	0.00	0.00	-0.15	-8.57
Philippines	3.50	3.63	3.90	3.98	2.85	2.83	2.87	2.86	6.49	6.67	7.28	7.40	0.12	1.65	0.73	10.88
Nigeria	1.65	1.65	1.65	1.65	1.87	1.87	1.92	1.92	1.85	1.85	1.90	1.90	0.00	0.00	0.05	2.70
Other Foreign	63.33	62.62	63.32	63.32	7.19	7.25	7.25	7.25	208.44	202.71	206.50	206.63	0.13	0.06	3.91	1.93
China	31.77	31.21	31.30	31.30	6.32	6.18	6.30	6.30	140.49	135.00	138.00	138.00	0.00	0.00	3.00	2.22
Burma	5.60	5.60	5.80	5.80	2.74	2.86	2.84	2.84	8.90	9.30	9.55	9.55	0.00	0.00	0.25	2.69
Bangladesh	10.26	9.98	10.50	10.50	2.76	2.87	2.79	2.79	18.86	19.10	19.50	19.50	0.00	0.00	0.40	2.09
Japan	1.95	1.80	1.70	1.70	6.42	6.22	6.46	6.46	9.12	8.15	8.00	8.00	0.00	0.00	-0.15	-1.89
South Korea	1.05	1.06	1.06	1.06	7.00	6.51	6.73	6.73	5.45	5.10	5.25	5.25	0.00	0.00	0.15	2.94
Egypt	0.63	0.50	0.58	0.58	8.57	8.14	8.11	8.11	3.51	2.79	3.20	3.20	0.00	0.00	0.41	14.70
Taiwan	0.36	0.36	0.33	0.33	5.61	5.20	5.66	5.66	1.46	1.33	1.30	1.30	0.00	0.00	-0.03	-2.48
FSU-12	0.51	0.51	0.43	0.43	2.40	2.40	2.50	2.50	0.79	0.80	0.69	0.69	0.00	0.00	-0.10	-13.03
Russia	0.16	0.16	0.15	0.15	2.07	2.07	2.21	2.21	0.22	0.22	0.22	0.22	0.00	0.00	0.00	0.00
Australia	0.14	0.15	0.15	0.15	9.44	9.14	8.86	8.86	0.95	0.99	0.95	0.95	0.00	0.00	-0.04	-4.43
Others	12.70	13.09	13.13	13.13	3.08	3.03	3.04	3.05	20.75	21.99	21.95	22.08	0.13	0.59	0.09	0.39

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TABLE 11
Total Oilseed Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area			Yield			Production			Change in Production			
	Prel.			Prel.			Prel.			From last month		From last year	
	1997/98	1998/99	1999/00 Proj.	1997/98	1998/99	1999/00 Proj.	1997/98	1998/99	1999/00 Proj.	MMT	Percent	MMT	Percent
World Total 1/ Total Foreign 1/ Copra Palm Kernel	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	286.66 203.57 5.45 5.13	292.48 207.68 4.67 5.76	298.50 210.13 5.44 6.12	-2.00 0.74 -0.15 0.00	-0.67 0.35 -2.69 0.00	4.02 2.45 0.77 0.36	1.37 1.18 16.40 6.30
Major Oilseeds 2/ United States 2/	166.03 35.35	172.20 35.43	175.11 37.61	1.66 2.35	1.64 2.39	1.64 2.37	276.09 83.10	282.05 84.80	286.79 86.37	-1.85 -2.75	-0.65 -3.08	2.89 1.57	1.02 1.85
Foreign Oilseeds 2/ South America Brazil Argentina Paraguay China India European Union France Italy Germany Spain United Kingdom FSU-12 Russia Ukraine Uzbekistan Turkmenistan Canada Indonesia Pakistan Eastern Europe Poland Romania Hungary Turkey Philippines Mexico Others	130.68 27.99 14.03 11.53 1.47 23.74 30.50 6.10 1.96 0.75 0.95 1.14 0.47 9.13 4.10 2.06 1.48 0.45 5.99 1.76 3.52 2.86 0.32 0.85 0.55 1.31 0.05 0.43 17.30	136.77 28.57 13.87 12.22 1.48 23.74 32.55 6.41 2.06 0.79 1.04 1.15 0.53 10.23 4.69 2.51 1.49 0.48 6.47 1.75 3.45 3.23 0.47 0.97 0.50 1.34 0.06 0.41 18.58	137.38 27.53 13.52 11.54 1.43 23.80 31.50 6.50 2.17 0.61 1.19 1.08 0.56 11.61 5.92 2.65 1.50 0.48 6.67 1.75 3.58 3.63 0.54 1.09 0.58 1.33 0.06 0.33 18.75	1.48 2.29 2.38 2.24 2.18 1.83 0.80 2.46 2.86 2.47 3.11 1.43 3.23 0.98 0.78 1.15 1.55 0.82 1.54 1.31 1.04 1.48 1.88 1.17 1.31 1.50 0.87 1.56 0.88	1.44 2.23 2.30 2.17 2.25 1.81 0.80 2.35 2.75 2.07 3.22 1.16 2.97 0.88 0.72 0.94 1.35 0.87 1.61 1.32 0.96 1.63 2.35 1.22 1.65 1.54 0.89 1.48 0.90	1.45 2.22 2.33 2.14 2.17 1.83 0.80 2.51 2.96 2.55 3.45 0.77 3.21 0.85 0.72 0.87 1.40 1.50 1.32 1.03 1.65 2.21 1.21 1.61 1.60 0.89 1.38 0.89	193.00 64.04 33.39 25.87 3.20 43.41 24.25 14.97 5.62 1.84 2.96 1.62 1.52 8.98 3.18 2.37 2.30 0.37 9.20 2.30 3.66 4.25 0.60 0.99 0.72 1.97 0.05 0.67 15.26	197.25 63.57 31.93 26.50 3.33 43.02 25.89 15.09 5.66 1.64 3.36 1.34 1.58 8.96 3.40 2.35 2.00 0.42 10.44 2.30 3.30 5.26 1.09 1.18 0.83 2.07 0.05 0.61 16.73	197.68 60.65 31.49 24.25 3.10 43.45 26.80 15.54 6.18 1.56 3.59 0.83 1.80 10.11 4.24 2.45 2.20 0.38 11.12 2.30 3.67 5.86 1.20 1.31 0.93 2.13 0.05 0.47 16.64	0.89 0.50 0.00 0.50 0.00 0.00 -1.75 0.75 0.25 0.00 0.50 0.00 0.00 0.09 0.00 0.20 -0.10 0.00 1.10 0.00 0.00 0.13 0.00 0.00 0.00 0.00 -0.01 0.09	0.45 0.82 0.00 2.06 0.00 0.00 -6.53 4.83 4.05 0.00 13.94 0.00 0.00 0.86 0.00 8.18 -4.55 0.00 10.98 0.00 0.00 2.24 0.00 0.00 0.00 0.00 -3.19 0.54	1.32 -2.42 -0.44 -1.75 -0.23 0.43 -0.84 1.21 0.77 -0.08 0.73 -0.51 0.22 1.23 0.84 0.29 0.10 -0.04 0.68 0.00 0.38 0.73 0.11 0.13 0.09 0.06 0.00 -0.15 -0.00	0.67 -3.80 -1.38 -6.60 -6.90 1.01 -3.23 8.00 13.60 -4.93 21.56 -37.90 14.29 13.74 24.71 12.41 5.00 -8.43 6.56 0.00 11.43 13.90 9.79 11.00 11.31 2.91 0.00 -25.04 -0.01

1/ Major oilseeds plus copra and palm kernel. 2/ Individual countries and regions include soybean, cottonseed, peanut (inshell), sunflowerseed, and rapeseed.

TABLE 12

Soybean Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	68.99	70.72	70.43	70.00	2.29	2.23	2.23	2.21	157.75	158.00	157.24	154.96	-2.28	-1.45	-3.04	-1.92
United States	27.97	28.66	29.65	29.65	2.62	2.62	2.63	2.55	73.18	75.03	78.10	75.62	-2.48	-3.18	0.59	0.78
Total Foreign	41.02	42.06	40.78	40.35	2.06	1.97	1.94	1.97	84.58	82.97	79.15	79.35	0.20	0.25	-3.62	-4.37
Major Exporters																
Brazil	21.15	21.65	20.90	20.90	2.59	2.45	2.41	2.43	54.69	53.10	50.35	50.85	0.50	0.99	-2.25	-4.24
Argentina	13.00	12.90	12.50	12.50	2.50	2.40	2.44	2.44	32.50	31.00	30.50	30.50	0.00	0.00	-0.50	-1.61
Paraguay	6.95	7.50	7.25	7.25	2.76	2.53	2.34	2.41	19.20	19.00	17.00	17.50	0.50	2.94	-1.50	-7.89
	1.20	1.25	1.15	1.15	2.49	2.48	2.48	2.48	2.99	3.10	2.85	2.85	0.00	0.00	-0.25	-8.06
Other Foreign																
China	19.87	20.41	19.88	19.45	1.50	1.46	1.45	1.47	29.89	29.87	28.80	28.50	-0.30	-1.04	-1.37	-4.60
India	8.35	8.00	7.50	7.50	1.76	1.73	1.73	1.73	14.73	13.80	13.00	13.00	0.00	0.00	-0.80	-5.80
Canada	5.60	6.35	6.45	6.00	0.96	0.94	0.95	0.95	5.35	6.00	6.10	5.70	-0.40	-6.56	-0.30	-5.00
Indonesia	1.06	0.98	0.98	1.00	2.58	2.79	2.65	2.70	2.74	2.74	2.60	2.70	0.10	3.85	-0.04	-1.35
Eastern Europe	1.09	1.08	1.08	1.08	1.20	1.21	1.21	1.21	1.31	1.30	1.30	1.30	0.00	0.00	0.00	0.00
European Union	0.16	0.30	0.23	0.23	2.22	1.71	1.82	1.82	0.36	0.51	0.43	0.43	0.00	0.00	-0.09	-17.12
FSU-12	0.46	0.52	0.43	0.43	3.44	2.96	3.32	3.32	1.57	1.54	1.41	1.41	0.00	0.00	-0.12	-7.95
Russia	0.42	0.47	0.47	0.47	0.72	0.70	0.70	0.70	0.31	0.33	0.33	0.33	0.00	0.00	0.00	0.00
Ukraine	0.40	0.44	0.44	0.44	0.69	0.68	0.68	0.68	0.28	0.30	0.30	0.30	0.00	0.00	0.00	0.00
Mexico	0.01	0.02	0.02	0.02	1.29	1.00	1.00	1.00	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00
Thailand	0.13	0.09	0.08	0.08	1.48	1.61	1.60	1.60	0.19	0.14	0.12	0.12	0.00	0.00	-0.02	-16.08
North Korea	0.24	0.23	0.23	0.23	1.43	1.46	1.39	1.39	0.34	0.34	0.32	0.32	0.00	0.00	-0.02	-4.48
Japan	0.33	0.33	0.34	0.34	1.29	1.29	1.32	1.32	0.42	0.42	0.45	0.45	0.00	0.00	0.03	7.14
Bolivia	0.08	0.11	0.11	0.11	1.75	1.45	1.55	1.55	0.15	0.16	0.17	0.17	0.00	0.00	0.01	7.59
South Korea	0.54	0.54	0.57	0.57	2.00	2.22	2.11	2.11	1.07	1.20	1.20	1.20	0.00	0.00	0.00	0.00
Colombia	0.10	0.10	0.10	0.10	1.56	1.43	1.50	1.50	0.16	0.14	0.15	0.15	0.00	0.00	0.01	7.14
Others	0.04	0.04	0.04	0.04	2.17	2.17	2.20	2.20	0.08	0.08	0.09	0.09	0.00	0.00	0.01	15.79
	1.29	1.30	1.29	1.29	0.88	0.92	0.88	0.88	1.14	1.19	1.13	1.13	-0.00	-0.00	-0.05	-4.55

TABLE 13

Cottonseed Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	33.78	32.92	33.38	33.01	1.04	0.99	1.02	1.01	35.07	32.69	34.12	33.41	-0.71	-2.07	0.73	2.23
United States	5.43	4.32	5.48	5.49	1.16	1.13	1.14	1.09	6.29	4.87	6.27	6.00	-0.27	-4.26	1.13	23.26
Total Foreign	28.36	28.60	27.90	27.52	1.01	0.97	1.00	1.00	28.78	27.82	27.85	27.42	-0.44	-1.57	-0.40	-1.45
China	4.50	4.45	4.10	4.10	1.84	1.82	1.82	1.82	8.28	8.10	7.45	7.45	0.00	0.00	-0.65	-8.02
FSU-12	2.47	2.50	2.52	2.47	1.25	1.13	1.21	1.19	3.09	2.83	3.04	2.93	-0.11	-3.72	0.10	3.50
Uzbekistan	1.48	1.49	1.50	1.50	1.55	1.35	1.47	1.40	2.30	2.00	2.20	2.10	-0.10	-4.55	0.10	5.00
Turkmenistan	0.45	0.48	0.48	0.48	0.82	0.87	0.80	0.80	0.37	0.42	0.38	0.38	0.00	0.00	-0.04	-8.43
India	8.90	9.30	9.00	8.70	0.59	0.58	0.60	0.59	5.24	5.44	5.40	5.15	-0.25	-4.63	-0.29	-5.28
Pakistan	2.96	2.90	3.00	3.00	1.06	0.95	1.03	1.03	3.12	2.75	3.10	3.10	0.00	0.00	0.35	12.73
Brazil	0.85	0.80	0.85	0.85	0.76	0.89	0.93	0.93	0.65	0.71	0.79	0.79	0.00	0.00	0.08	11.27
Turkey	0.72	0.76	0.73	0.73	1.65	1.70	1.79	1.79	1.19	1.29	1.30	1.30	0.00	0.00	0.01	0.78
African Franc Zone	2.24	2.35	2.38	2.38	0.72	0.65	0.70	0.70	1.61	1.51	1.67	1.67	0.00	0.00	0.16	10.50
Australia	0.44	0.55	0.48	0.45	2.15	1.79	2.06	2.18	0.94	0.99	0.98	0.98	0.00	0.00	-0.01	-1.01
Egypt	0.37	0.28	0.26	0.26	1.28	1.36	1.46	1.46	0.48	0.38	0.38	0.38	0.00	0.00	0.00	0.00
Argentina	0.85	0.65	0.50	0.50	0.64	0.54	0.70	0.70	0.55	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Paraguay	0.20	0.14	0.20	0.20	0.60	0.71	0.70	0.70	0.12	0.10	0.14	0.14	0.00	0.00	0.04	40.00
Greece	0.39	0.41	0.43	0.43	1.44	1.39	1.44	1.44	0.56	0.57	0.61	0.61	0.00	0.00	0.04	6.46
Syria	0.25	0.27	0.24	0.24	2.78	2.50	2.58	2.58	0.70	0.68	0.62	0.62	0.00	0.00	-0.06	-8.69
Mexico	0.20	0.23	0.16	0.16	1.67	1.48	1.38	1.28	0.33	0.34	0.22	0.21	-0.02	-6.82	-0.13	-39.53
Colombia	0.05	0.06	0.06	0.06	1.31	1.35	1.23	1.23	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Sudan	0.27	0.15	0.23	0.23	0.79	0.85	0.76	0.76	0.21	0.13	0.17	0.17	0.00	0.00	0.04	32.81
Others	2.69	2.80	2.78	2.78	0.61	0.56	0.56	0.54	1.64	1.58	1.56	1.50	-0.06	-3.85	-0.08	-5.13

TABLE 14
Peanut Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.				Prel.				Prel.				From last month			
	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	From last month	From last year	From last year	From last year
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	19.97	21.27	21.34	21.34	1.33	1.36	1.39	1.34	26.63	28.88	29.66	28.56	-1.10	-3.71	-0.32	-1.10
United States	0.57	0.59	0.59	0.59	2.81	3.03	2.98	2.98	1.61	1.80	1.75	1.75	0.00	0.00	-0.05	-2.89
Total Foreign	19.39	20.67	20.75	20.75	1.29	1.31	1.34	1.29	25.03	27.08	27.91	26.81	-1.10	-3.94	-0.27	-0.98
China	3.72	4.04	4.20	4.20	2.59	2.94	2.86	2.86	9.65	11.89	12.00	12.00	0.00	0.00	0.11	0.96
India	7.20	8.10	8.00	8.00	1.05	0.92	1.00	0.86	7.58	7.45	8.00	6.90	-1.10	-13.75	-0.55	-7.38
Indonesia	0.65	0.65	0.65	0.65	1.52	1.52	1.52	1.52	0.99	0.99	0.99	0.99	0.00	0.00	0.00	0.00
Senegal	0.73	0.62	0.62	0.62	0.70	0.89	0.97	0.97	0.51	0.55	0.60	0.60	0.00	0.00	0.05	9.09
Burma	0.48	0.48	0.48	0.48	1.17	1.17	1.17	1.17	0.56	0.56	0.56	0.56	0.00	0.00	0.00	0.00
Sudan	0.55	0.55	0.55	0.55	0.67	0.67	0.67	0.67	0.37	0.37	0.37	0.37	0.00	0.00	0.00	0.00
Zaire	0.72	0.72	0.72	0.72	0.78	0.78	0.78	0.78	0.57	0.57	0.57	0.57	0.00	0.00	0.00	0.00
Argentina	0.39	0.32	0.34	0.34	1.60	1.09	1.47	1.47	0.63	0.35	0.50	0.50	0.00	0.00	0.15	42.86
Nigeria	0.70	0.75	0.80	0.80	0.50	0.50	0.50	0.50	0.35	0.38	0.40	0.40	0.00	0.00	0.03	6.67
Vietnam	0.25	0.25	0.25	0.25	1.41	1.40	1.40	1.40	0.35	0.35	0.35	0.35	0.00	0.00	0.00	0.00
South Africa	0.06	0.10	0.10	0.10	1.64	1.53	1.53	1.53	0.10	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Thailand	0.10	0.10	0.10	0.10	1.48	1.50	1.50	1.50	0.15	0.16	0.16	0.16	0.00	0.00	0.00	0.00
Burkina Faso	0.23	0.23	0.23	0.23	0.65	0.65	0.65	0.65	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Brazil	0.10	0.09	0.09	0.09	1.94	1.89	1.67	1.67	0.19	0.17	0.15	0.15	0.00	0.00	-0.02	-11.76
Central African Rep.	0.10	0.10	0.10	0.10	0.97	1.00	1.00	1.00	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
Cameroon	0.32	0.42	0.42	0.42	0.28	0.40	0.40	0.40	0.09	0.17	0.17	0.17	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.14	0.14	0.14	0.14	1.02	1.01	1.01	1.01	0.14	0.14	0.14	0.14	0.00	0.00	0.00	0.00
Mexico	0.09	0.09	0.09	0.09	1.49	1.41	1.40	1.40	0.14	0.12	0.13	0.13	0.00	0.00	0.01	4.17
Gambia	0.07	0.07	0.07	0.07	1.11	1.11	1.11	1.11	0.08	0.08	0.08	0.08	0.00	0.00	0.00	0.00
Others	2.80	2.86	2.81	2.81	0.84	0.84	0.84	0.84	2.35	2.41	2.37	2.37	0.00	0.00	-0.04	-1.62

TABLE 15

Sunflowerseed Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		1997/98	Prel.		1999/00 Proj.		1997/98	Prel.		1999/00 Proj.		From last month	From last year
	1997/98	1998/99	Aug.	Sept.		1997/98	1998/99	Aug.	Sept.		1997/98	1998/99	Aug.	Sept.		
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	19.54	21.84	22.70	23.10	1.19	1.19	1.14	1.13	23.29	25.89	25.87	26.15	0.28	1.10	0.26	1.02
United States	1.13	1.41	1.45	1.45	1.48	1.69	1.58	1.58	1.67	2.38	2.30	2.30	0.00	0.00	-0.09	-3.57
Total Foreign	18.41	20.43	21.24	21.64	1.17	1.15	1.11	1.10	21.62	23.51	23.57	23.86	0.28	1.20	0.35	1.48
FSU-12	5.96	6.91	8.11	8.51	0.90	0.80	0.77	0.76	5.38	5.55	6.29	6.49	0.20	3.18	0.93	16.83
Russia	3.58	4.10	5.30	5.30	0.79	0.73	0.72	0.72	2.83	3.00	3.80	3.80	0.00	0.00	0.80	26.67
Ukraine	2.00	2.40	2.40	2.80	1.15	0.94	0.92	0.86	2.31	2.27	2.20	2.40	0.20	9.09	0.13	5.91
Argentina	3.33	3.75	3.45	3.45	1.65	1.81	1.86	1.86	5.50	6.80	6.40	6.40	0.00	0.00	-0.40	-5.88
European Union	2.33	2.26	2.11	2.11	1.73	1.51	1.37	1.42	4.04	3.41	2.89	2.99	0.10	3.46	-0.43	-12.48
France	0.90	0.81	0.77	0.77	2.17	2.09	2.08	2.21	1.94	1.68	1.60	1.70	0.10	6.25	0.02	1.19
Spain	0.97	0.99	0.92	0.92	1.42	1.11	0.65	0.65	1.37	1.10	0.60	0.60	0.00	0.00	-0.50	-45.31
Italy	0.30	0.31	0.26	0.26	1.67	1.31	1.77	1.77	0.51	0.41	0.46	0.46	0.00	0.00	0.05	12.75
Eastern Europe	1.93	2.04	2.27	2.27	1.20	1.34	1.34	1.33	2.31	2.74	3.03	3.02	-0.02	-0.53	0.28	10.23
Hungary	0.45	0.43	0.48	0.48	1.22	1.65	1.60	1.60	0.55	0.71	0.76	0.76	0.00	0.00	0.05	7.65
Romania	0.78	0.82	1.00	1.00	1.10	1.18	1.20	1.20	0.86	0.97	1.20	1.20	0.00	0.00	0.23	23.71
Yugoslavia	0.19	0.21	0.21	0.21	1.64	1.95	1.95	1.95	0.32	0.40	0.40	0.40	0.00	0.00	0.00	0.00
Bulgaria	0.45	0.51	0.50	0.50	1.11	1.02	1.00	1.00	0.50	0.52	0.50	0.50	0.00	0.00	-0.01	-2.91
Czech Rep.	0.01	0.02	0.02	0.02	2.09	2.00	2.00	2.00	0.02	0.04	0.04	0.04	0.00	0.00	0.00	0.00
China	0.72	0.72	0.80	0.80	1.64	1.29	1.63	1.63	1.18	0.93	1.30	1.30	0.00	0.00	0.37	39.78
India	2.10	2.20	2.20	2.20	0.55	0.55	0.59	0.59	1.15	1.20	1.30	1.30	0.00	0.00	0.10	8.33
Turkey	0.52	0.52	0.54	0.54	1.25	1.25	1.30	1.30	0.65	0.65	0.70	0.70	0.00	0.00	0.05	7.69
South Africa	0.51	0.83	0.60	0.60	1.10	1.33	1.05	1.05	0.56	1.10	0.63	0.63	0.00	0.00	-0.47	-42.73
Australia	0.09	0.17	0.12	0.12	1.07	1.25	1.13	1.13	0.10	0.21	0.14	0.14	0.00	0.00	-0.07	-35.41
Burma	0.12	0.12	0.12	0.12	0.75	0.75	0.75	0.75	0.09	0.09	0.09	0.09	0.00	0.00	0.00	0.00
Others	0.80	0.91	0.92	0.92	0.83	0.91	0.88	0.88	0.66	0.83	0.81	0.81	0.00	0.00	-0.02	-1.93

September 1999

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 16

Rapeseed Area, Yield, and Production

World and Selected Countries and Regions

[illegible]

TABLE 17
Copra, Palm Kernel, and Palm Oil Production
World and Selected Countries and Regions

Country/Region	Production				Change in Production			
	1997/98	Prel. 1998/99	1999/00 Proj. Aug.	Sept.	From last month		From last year	
	Million metric tons				MMT	Percent	MMT	Percent
COPRA								
World	5.45	4.67	5.59	5.44	-0.15	-2.69	0.77	16.40
Philippines	2.37	1.55	2.30	2.15	-0.15	-6.52	0.60	38.71
Indonesia	1.29	1.30	1.45	1.45	0.00	0.00	0.15	11.54
India	0.68	0.70	0.73	0.73	0.00	0.00	0.03	3.57
Mexico	0.20	0.21	0.20	0.20	0.00	0.00	-0.01	-4.25
Sri Lanka	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Vietnam	0.21	0.20	0.20	0.20	0.00	0.00	0.00	0.00
Malaysia	0.01	0.02	0.02	0.02	0.00	0.00	0.00	0.00
Others	0.62	0.62	0.62	0.62	0.00	0.00	0.00	0.00
PALM KERNEL								
World	5.13	5.76	6.12	6.12	0.00	0.00	0.36	6.30
Malaysia	2.50	2.86	3.00	3.00	0.00	0.00	0.14	4.90
Indonesia	1.48	1.71	1.89	1.89	0.00	0.00	0.18	10.53
Nigeria	0.33	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.07	0.07	0.07	0.07	0.00	0.00	0.00	4.23
Colombia	0.08	0.09	0.09	0.09	0.00	0.00	0.00	3.41
Thailand	0.11	0.09	0.12	0.12	0.00	0.00	0.02	25.00
Zaire	0.03	0.04	0.04	0.04	0.00	0.00	0.00	8.33
Ecuador	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00
Others	0.49	0.51	0.52	0.52	0.00	0.00	0.01	2.15
PALM OIL								
World	17.07	19.32	20.60	20.60	0.00	0.00	1.28	6.62
Malaysia	8.51	9.75	10.20	10.20	0.00	0.00	0.45	4.62
Indonesia	5.00	5.80	6.40	6.40	0.00	0.00	0.60	10.34
Nigeria	0.65	0.76	0.80	0.80	0.00	0.00	0.04	5.26
Cote d'Ivoire	0.33	0.34	0.35	0.35	0.00	0.00	0.01	2.94
Colombia	0.42	0.47	0.48	0.48	0.00	0.00	0.01	3.23
Thailand	0.47	0.40	0.50	0.50	0.00	0.00	0.10	25.00
Zaire	0.13	0.14	0.15	0.15	0.00	0.00	0.01	7.41
Ecuador	0.23	0.23	0.23	0.23	0.00	0.00	0.00	0.00
Others	1.34	1.44	1.50	1.50	0.00	0.00	0.05	3.75

TABLE 18

Cotton Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change In Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	1997/98	1998/99	Aug.	Sept.	MBales	Percent	MBales	Percent
World	33.83	32.97	33.42	33.06	590	557	573	568	91.66	84.29	87.93	86.31	-1.62	-1.85	2.02	2.40
United States	5.43	4.32	5.48	5.49	754	701	728	696	18.79	13.92	18.30	17.54	-0.77	-4.20	3.62	25.99
Total Foreign	28.41	28.65	27.95	27.57	558	535	542	543	72.87	70.37	69.63	68.78	-0.85	-1.23	-1.60	-2.27
Major Exporters	15.87	15.53	15.23	15.15	712	689	701	701	51.88	49.16	49.02	48.80	-0.22	-0.45	-0.36	-0.73
China	4.50	4.45	4.10	4.10	1,021	1,013	1,009	1,009	21.10	20.70	19.00	19.00	0.00	0.00	-1.70	-8.21
Pakistan	2.96	2.90	3.00	3.00	528	473	508	523	7.18	6.30	7.00	7.20	0.20	2.86	0.90	14.29
Sudan	0.27	0.15	0.23	0.23	329	363	319	319	0.40	0.25	0.33	0.33	0.00	0.00	0.08	32.00
Turkey	0.72	0.76	0.73	0.73	1,101	1,107	1,141	1,141	3.65	3.85	3.80	3.80	0.00	0.00	-0.05	-1.30
FSU-12	2.47	2.50	2.52	2.47	629	572	609	599	7.14	6.57	7.05	6.78	-0.27	-3.83	0.21	3.20
Uzbekistan	1.48	1.49	1.50	1.50	768	674	726	697	5.23	4.60	5.00	4.80	-0.20	-4.00	0.20	4.35
Turkmenistan	0.45	0.48	0.48	0.48	411	435	435	435	0.85	0.95	0.95	0.95	0.00	0.00	0.00	0.00
Other	0.54	0.54	0.55	0.49	428	411	439	458	1.06	1.02	1.10	1.03	-0.07	-6.36	0.01	0.98
Egypt	0.37	0.28	0.26	0.26	892	816	837	837	1.53	1.05	1.00	1.00	0.00	0.00	-0.05	-4.76
African Franc Zone	2.24	2.35	2.38	2.38	420	376	393	389	4.32	4.05	4.29	4.24	-0.05	-1.17	0.19	4.69
Southern Hemisphere	2.34	2.14	2.03	2.00	611	649	704	702	6.56	6.39	6.55	6.45	-0.10	-1.53	0.06	0.94
Argentina	0.85	0.65	0.50	0.50	360	301	392	392	1.41	0.90	0.90	0.90	0.00	0.00	0.00	0.00
Australia	0.44	0.55	0.48	0.45	1,521	1,260	1,467	1,500	3.06	3.20	3.20	3.10	-0.10	-3.13	-0.10	-3.13
Brazil	0.85	0.80	0.85	0.85	447	544	538	538	1.75	2.00	2.10	2.10	0.00	0.00	0.10	5.00
Paraguay	0.20	0.14	0.20	0.20	381	451	381	381	0.35	0.29	0.35	0.35	0.00	0.00	0.06	20.69
Major Importers	0.55	0.56	0.58	0.58	918	897	894	894	2.32	2.32	2.38	2.38	0.00	0.00	0.06	2.67
Other Foreign	11.99	12.56	12.14	11.84	339	328	327	324	18.67	18.89	18.23	17.59	-0.64	-3.48	-1.30	-6.88
India	8.90	9.30	9.00	8.70	302	300	306	303	12.34	12.80	12.65	12.10	-0.55	-4.35	-0.70	-5.47
Others	3.08	3.26	3.14	3.14	447	407	387	381	6.33	6.09	5.58	5.49	-0.09	-1.52	-0.60	-9.85

TABLE 19

The table below presents a 18-year record of the differences between the September projection and the final estimate. Using world wheat production as an example, changes between the September projection and the final estimate have averaged 10.7 million tons (2.0 percent) and ranged from -30.7 to 13.1 million tons. The September projection has been below the final 10 times and above the final 8 times.

RELIABILITY OF PRODUCTION PROJECTIONS

COMMODITY AND REGION	PROJECTION AND FINAL ESTIMATES, 1981/82 - 1998/99 1/					
	Difference		Lowest	Highest	Below	Above
	Average	Average	Difference		Final	Final
	Percent	---Million metric tons---			Number of years 2/	
WHEAT						
World	2.0	10.7	-30.7	13.1	10	8
U.S.	1.1	0.7	-1.4	2.5	7	11
Foreign	2.3	10.5	-30.9	12.0	10	8
COARSE GRAINS 3/						
World	1.5	12.8	-39.4	20.7	13	5
U.S.	3.9	8.7	-21.5	26.0	12	6
Foreign	1.7	9.7	-23.3	17.1	11	7
RICE (Milled)						
World	2.2	7.2	-24.1	3.4	16	2
U.S.	4.5	0.2	-0.5	0.4	10	7
Foreign	2.2	7.2	-24.4	3.6	16	2
SOYBEANS						
World	3.1	3.5	-9.3	4.7	11	7
U.S.	4.5	2.6	-5.5	4.6	9	9
Foreign	5.4	3.0	-10.0	4.6	9	9
			---Million 480-lb. bales---			
COTTON						
World	3.5	2.9	-10.9	9.5	10	8
U.S.	4.7	0.7	-1.9	2.4	10	7
Foreign	4.1	2.8	-11.2	9.8	9	9
UNITED STATES			-----Million bushels-----			
CORN	4.2	316	-846	885	12	6
SORGHUM	4.8	32	-69	81	9	8
BARLEY	2.8	12	-29	36	8	10
OATS	5.6	14	-19	44	4	13

1/ The final estimate for 1981/82-1997/98 is defined as the first November estimate following the marketing year.

2/ May not total 18 if projection was the same as the final.

3/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

WORLD AGRICULTURAL WEATHER HIGHLIGHTS

September 10, 1999



1 - UNITED STATES

Extreme heat and dryness persisted through August and into early September across the South, stressing pastures and immature summer crops, including cotton and soybeans.

Unfavorable dryness also continued across the southern and eastern Corn Belt, although the absence of extreme heat aided corn and soybeans. In contrast, wet weather prevailed from the Southwest to the northern Plains and upper Midwest. Beneficial rain fell in the Northwest, but dry conditions and lightning strikes sparked wildfire activity in California and the Great Basin. Much-needed rain also fell in the northern Mid-Atlantic region, easing the 14-month drought. In the tropics, Hurricane Bret arrived in a sparsely populated area of southern Texas on August 22. Hurricane Dennis brushed the coastal Carolinas on August 29-31, then returned to North Carolina as a tropical storm on September 4-5 with generally beneficial rainfall that eventually spread into the Northeast.

2 - CANADA

Warm, dry weather dominated the Prairies through most of August, creating nearly ideal conditions for dry down of spring grains and oilseeds. In early September, showers hampered Manitoba harvests, while frost in the western Prairies may have caused some crop damage. In eastern Canada, showery weather since early August eased stress on summer crops.

3 - SOUTH AMERICA

In central Argentina, near-normal August rainfall provided beneficial moisture for germinating to vegetative winter wheat, especially in southern Buenos Aires. Additional rain is needed in southern Santa Fe and Cordoba. In southern Brazil, below-normal August rainfall and above-normal temperatures favored citrus and coffee harvesting. Soil moisture remained adequate for reproductive to filling winter wheat.

4 - EUROPE

In August, persistent showers delayed small grain harvesting in northwest Europe, while below-normal rainfall helped harvesting in the northeast. Unseasonably warm, dry weather prevailed across southern Europe, stressing non-irrigated summer crops. Since early September, warm, dry weather improved harvest conditions in the northwest. Showers in eastern Europe slowed crop harvesting but increased topsoil moisture for winter grain planting.

7 - SOUTH ASIA

Drought intensified over western India, placing severe stress on Gujarat's groundnuts, cotton, and coarse grains. Rainfall was also erratic over sections of southern India, reducing moisture reserves for summer crops, but conditions could still improve if the southwest monsoon regains strength prior to its withdrawal. Conditions remained generally favorable in the rice areas of central and eastern India and Bangladesh.

8 - EASTERN ASIA

During August, drought continued across the North China Plain, further reducing corn yield prospects. Rain is needed for the upcoming winter wheat planting season. Much above-normal August rainfall boosted moisture supplies across interior southern China, but raised quality concerns for maturing single-crop rice. Above-normal rainfall maintained adequate to abundant moisture supplies for rice across South Korea and Japan. Below-normal August rainfall stressed summer crops in North Korea.

9 - SOUTHEAST ASIA

Sunnier weather due to near- to below-normal August rainfall favored rice development across Thailand and northern and southern Vietnam. Across the Philippines, above-normal August rainfall boosted moisture supplies, but caused local flooding. Above-normal rainfall favored oil palm in peninsular Malaysia and irrigation supplies were adequate for second-crop rice in Java, Indonesia.

10 - AUSTRALIA

Conditions for vegetative crop development were generally favorable across the western and southeastern winter grain belts. Early winter grain and oilseed harvesting was underway in southern Queensland. However, unseasonable rain along sections of the eastern coast kept unharvested sugarcane unfavorably wet.

USDA/OCE - World Agricultural Outlook Board
Joint Agricultural Weather Facility

*(More details are available in the Weekly Weather and Crop Bulletin.
Subscription information may be obtained by calling (202) 720-7917.)*

5 - FSU-WESTERN

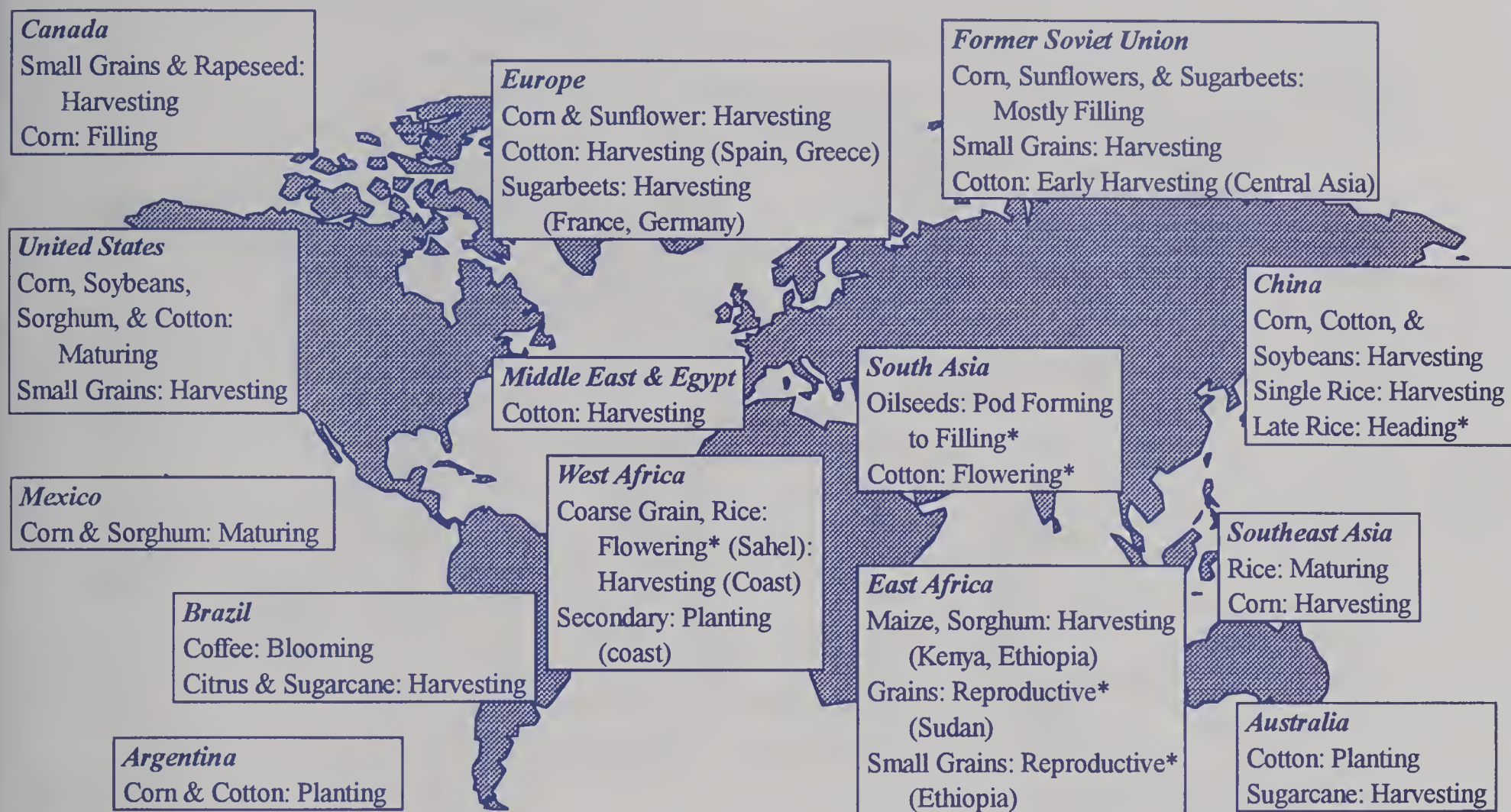
In August, persistent showers and unseasonably cool weather in northern Russia delayed spring grain harvesting and fieldwork in preparation for planting the 2000 winter grain crop. In Ukraine and southern Russia, periodic heat and dryness continued to stress corn and sunflowers in the filling stage. Since early September, dry weather improved conditions for fieldwork in northern Russia and helped early summer crop harvesting in southern Ukraine.

6 - FSU-NEWLANDS

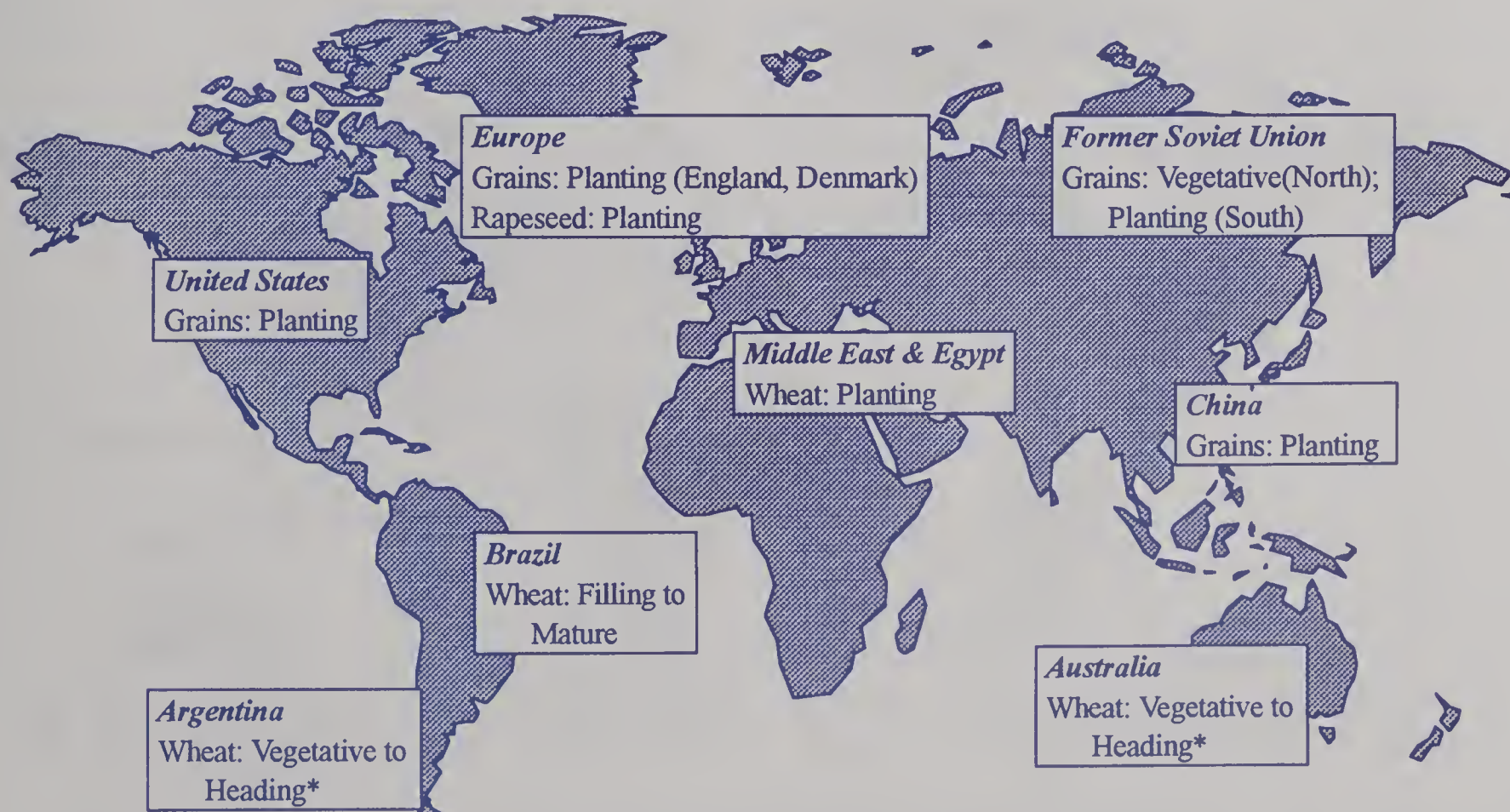
In Russia, unseasonably cool, wet weather in the northern Urals during August slowed spring grain maturation. Farther east, below-normal precipitation in Western Siberia created a lack of moisture for filling crops. In Kazakhstan, precipitation tapered off in August, favoring spring grain maturation and early harvest activities, just beginning by month's end.

September Normal Crop Calendar

Summer crops



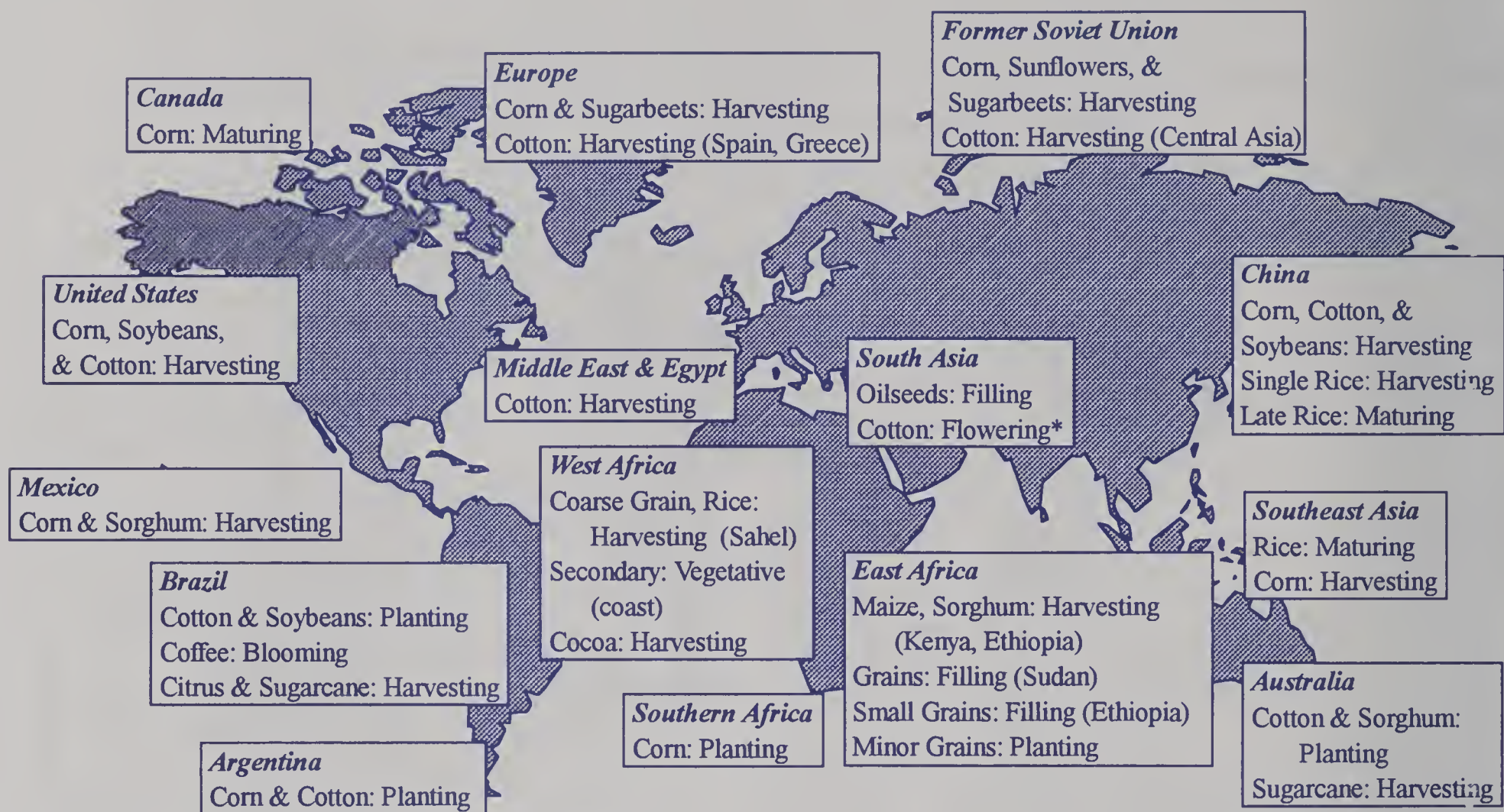
Winter crops



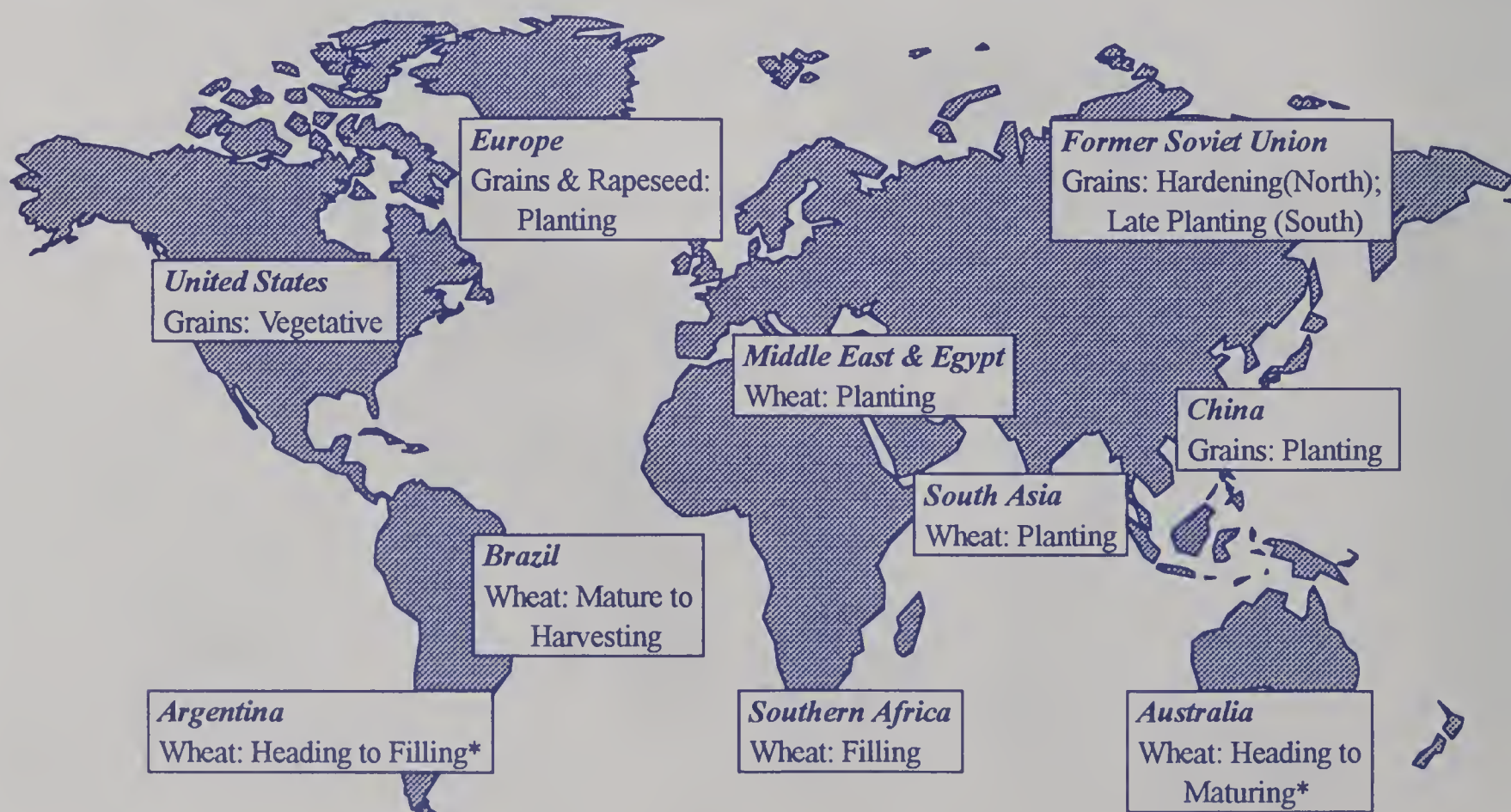
* Moisture / Temperature Sensitive Stage of Development

October Normal Crop Calendar

Summer crops



Winter crops



* Moisture / Temperature Sensitive Stage of Development

WEATHER BRIEFS

Australia: Conditions Remain Generally Favorable For Winter Grain Development

During August 1999, widespread showers benefitted vegetative winter crops throughout the west and southeast of Australia. Due to frequent weekly rainfall, winter grain conditions, for the most part in the southeast and west are favorable. The heaviest rains in this region, fell in sections of southern New South Wales and the lightest rainfall was recorded in the driest areas of northwestern Victoria and northern extreme growing area of southeast South Australia. In early September, wheat and barley are in the tillering stage- to-early jointing in the south and west and early maturation and harvest in northernmost growing areas of Queensland.

Argentina: Late August Rains Benefitted Germinating Wheat

During the week of August 22 - 28, 1999, much needed rain (5 - 20 millimeters) boosted topsoil moisture for germinating and vegetative wheat across the main wheat regions of central Argentina. Higher amounts (20 - 35 millimeters) fell in central Buenos Aires. But, little or no rain fell in La Pampa. Prior to this rainfall, dry weather prevailed across this area, causing concerns for a good start to the wheat growing season. Typically, the wheat growing areas of Argentina receive about 10 millimeters of rainfall per week during mid-August. Light to moderate rain (5 - 22 millimeters) fell again during the week of August 29 through September 4, providing beneficial moisture for germinating and vegetative wheat across the major wheat areas of southern Buenos Aires. Dry weather returned to southern Cordoba and southern Sante Fe, after the prior week's beneficial

rainfall. Rain is still needed for wheat germination and establishment in these areas. According to reports as of August 27, Argentine wheat planting was 98 percent complete, compared to 97 percent complete last year.

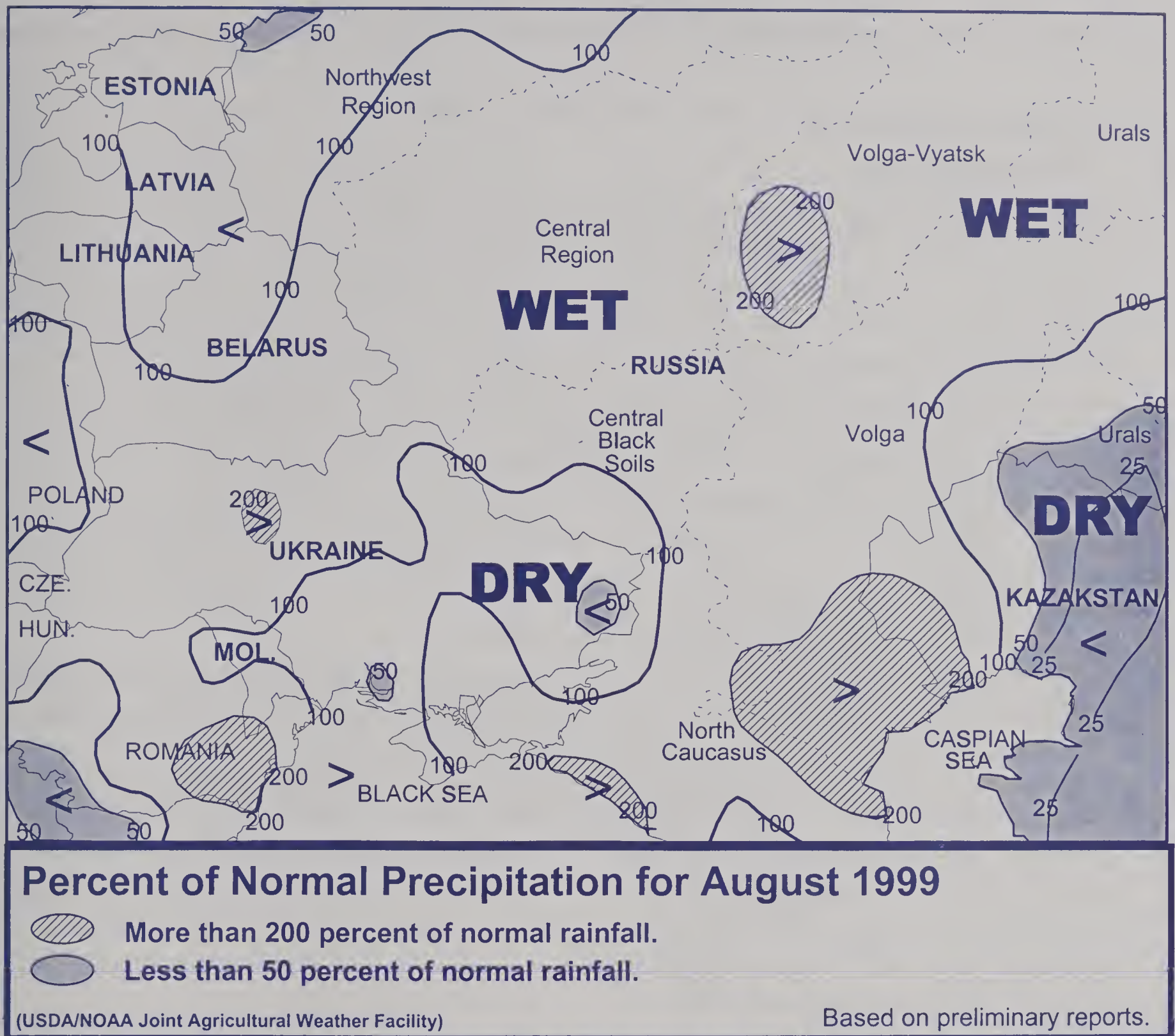
India: Drought Continues In The West

During August, 1999, the southwest monsoon continued to be unusually weak across Pakistan and northwestern India. As a result, unseasonable warmth and dryness worsened drought conditions over important oilseed, coarse grain, and cotton areas of western India. During the week of August 22 - 28, the dryness covered major growing areas from Pakistan and north-central India to Maharashtra, including soybean areas of western Madhya Pradesh. In addition, highs in the lower to middle 30's degrees C intensified crop stress and enhanced evaporative losses. Gujarat, a primary groundnut and cotton producer, has likely suffered the greatest losses in yield potential due to chronic lack of rainfall since mid-July. However, crops in neighboring states (Rajasthan, Madhya Pradesh, and Maharashtra) have also experienced periods of stress, requiring an immediate resumption in monsoon rainfall to avoid significant losses in summer production potential. On a positive note, showers brought additional relief to oilseed and cotton areas of Andhra Pradesh, improving crop prospects and boosting irrigation levels for winter production. During August 29 through September 4, hot, dry weather persisted over the western Indian state of Gujarat, placing additional stress on groundnuts and cotton. High temperatures reached the middle 30's degrees C on a daily basis, exacerbating the effects of the drought on moisture supplies.

Drier-than-normal weather also continued over nearby locations in the northwest (Rajasthan, Punjab, and Haryana) and intensified over the southern interior (Maharashtra, Karnataka, Andhra Pradesh), threatening prospects of rainfed summer crops. However, highly beneficial, locally heavy rain brought some relief to the soybean belt of western Madhya

Pradesh. In addition, showers maintained mostly favorable moisture levels for rice from central Madhya Pradesh eastward through Bangladesh and India's eastern states. The southwest monsoon typically begins its seasonal withdrawal from the northwest during early September.

FORMER SOVIET UNION (WESTERN)

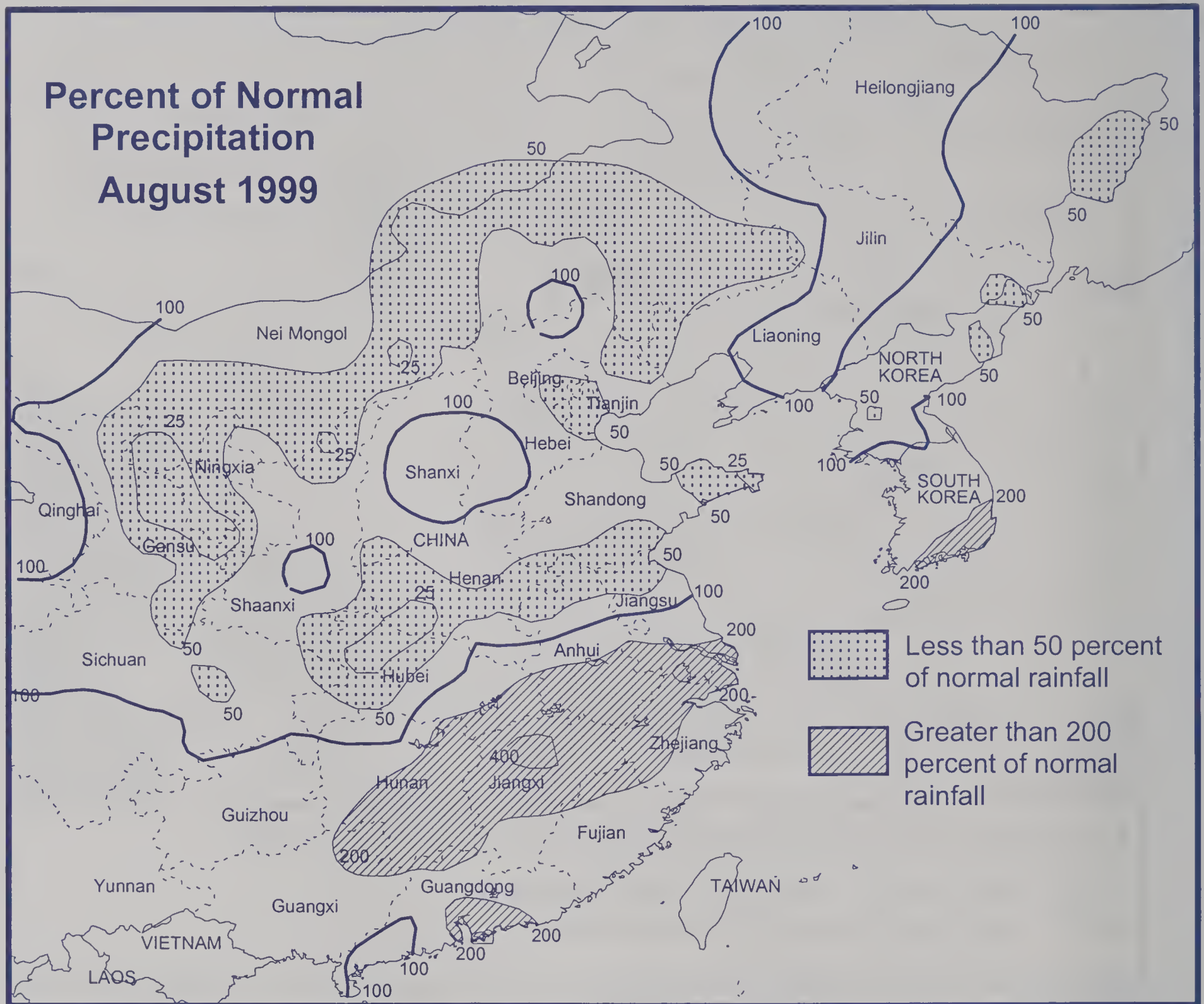


WEATHER AND CROP HIGHLIGHTS

September 10, 1999

- In Russia, frequent showers and unseasonably cool weather in northern crop areas delayed small grain harvesting and winter grain planting. Light to moderate showers from August 23-27 in southern areas eased prolonged dryness but arrived too late to help drought-stressed summer crops.
- In Ukraine, periodic heat and dryness in southern and eastern areas allowed rapid small grain harvesting but worsened conditions for corn and sunflower development. Since early September, showers favored immature crops and increased topsoil moisture for planting the 2000 winter wheat crop.
- In Kazakhstan, precipitation tapered off in August, favoring spring grain maturation and early harvest activities.

CHINA



WEATHER AND CROP HIGHLIGHTS

SEPTEMBER 10, 1999

- During August, drought continued across the North China Plain, further reducing corn yield prospects. Rain is needed for the upcoming winter wheat planting season. Across the North China Plain, the autumn and winter seasons are typically much drier than the summer, therefore moisture deficits from this summer's drought will likely remain until next spring. Near-normal August rainfall increased soil moisture for filling summer crops in Manchuria, especially in Liaoning.
- Much above-normal August rainfall boosted moisture supplies across interior southern China, but raised quality concerns for maturing single-crop rice.

FEATURE COMMODITY ARTICLES

CHINA GRAIN SITUATION

China is expected to harvest another bumper grain crop in 1999/2000. Total grain (defined as wheat, corn, rough rice, miscellaneous grains, edible beans, and tubers) is forecast to exceed 500 million tons for the third time in four years. Total grain area is estimated down slightly, with reductions in corn and wheat area offsetting a slight increase in rice area. Despite a drought in parts of the North China Plain and excessive rainfall in central China, near-record yields are expected for rice and wheat, and corn yields are expected to be above average.

Successive bumper crops in the 1990's have answered critics who wondered if China would be able to produce enough grain to feed itself, but the achievement has come at a high cost to the Chinese government. To encourage farmers to expand grain production in the mid-1990's, China raised the procurement price for quota grain (which the farmer is obligated to sell to the Government) and promised to purchase, at a lower price, whatever surplus grain the farmers wanted to sell. Among the results of this policy were huge stocks of high-priced government-owned grain (including large amounts of poor quality wheat and early rice), high storage costs, larger post-harvest losses due to inadequate storage facilities, and a heavy burden of debt. China adjusted its grain policy in 1998 and 1999 to address some of these issues. In order to reduce excess stocks and cut costs, China lowered, or in some cases eliminated, both procurement prices and guaranteed purchase amounts. The Government also decided to place greater emphasis on improving the quality of grain

output rather than increasing quantity. It has sharply lowered the purchase price for inferior types of wheat and early (indica) rice, while offering premium prices for higher-quality varieties of grain. These reforms could result in slightly lower production in 2000/2001, as farmers react to lower grain profits by using fewer inputs and reducing area. However, there are few alternative crops in many regions where surplus grain is grown, and the cost of switching to other crops can be high.

China's total wheat output for 1999/2000 is estimated at 115.0 million tons, up 5.0 million from last year, but down 8.3 million from the record set in 1997/98. Earlier this year, the Chinese government announced that 1999 summer grain output (85 to 88 percent winter wheat) reached 118.5 million tons, the second largest crop on record. Dry weather at planting led to a small reduction in winter wheat area, and a serious drought affected much of the crop on the North China Plain throughout the winter and spring. However, a combination of efficient crop management, supplemental irrigation, timely late-season rainfall and excellent harvest weather enabled farmers to achieve near-record winter wheat yields.

Production of spring wheat (10 to 11 percent of the total crop) is expected to drop by about 8 percent in 1999/2000 due to lower estimated area. The weather was generally favorable in the Northeast, although dryness may have affected yields in Inner Mongolia and northwest China. Heavy rainfall in mid-August (harvest period) likely caused minor

yield and quality reductions in Heilongjiang. The Government is actively discouraging the production of spring wheat (used mainly as a feed grain) and area is likely to continue to drop.

China is expected to harvest 125.0 million tons of corn in 1999/2000, the third-largest crop in history. Area is estimated down slightly to 25.1 million hectares, as area reductions in some of the corn-surplus provinces in northern China were partially offset by increased area in the south and west. Yield is estimated at 4.98 tons per hectare, down about 5 percent from last year's record yield. The weather was very favorable this year in the Northeast, where 38 - 40 percent of the crop is grown, although parts of Jilin and Liaoning were drier than normal and yields may have been affected. On the North China Plain (36 - 38 percent), summer rainfall was the lowest since 1982 and soil moisture levels, which were already depressed at the beginning of the summer, dropped to the lowest level in several years. The rainfall pattern in July 1999 was similar to 1997, when a serious drought caused a major reduction in corn yields. However, temperatures were milder in 1999 and the impact on corn yield was less severe than in 1997. Cloudiness and below-normal temperatures may have delayed corn development in southern China, a minor corn-producing region, and excessive rainfall in June and August caused some localized flood losses in the provinces bordering the Yangtze River.

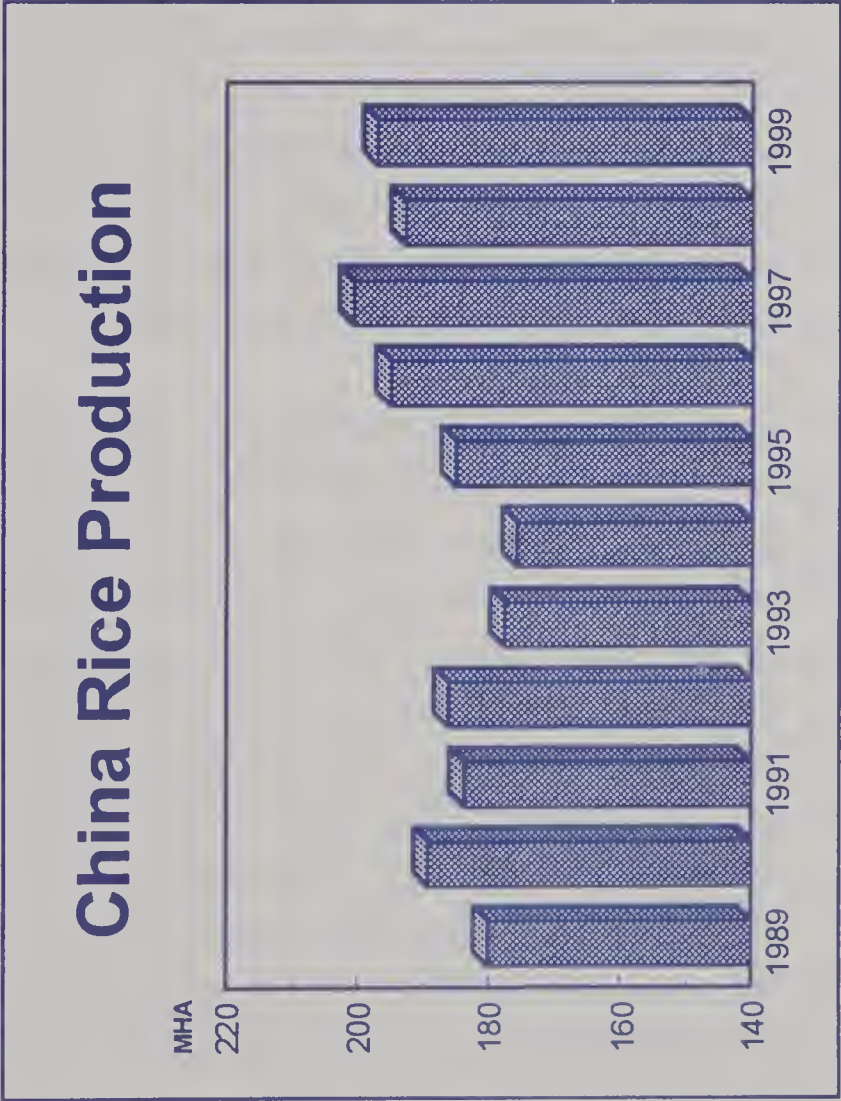
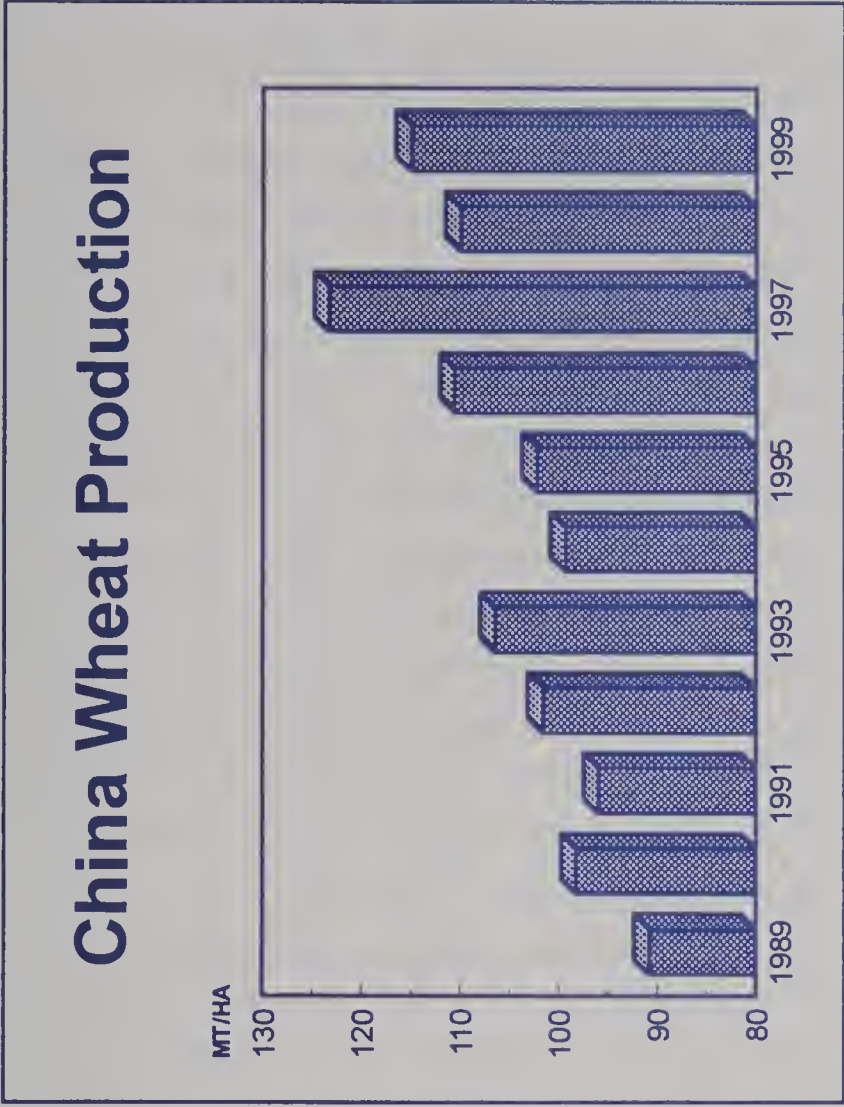
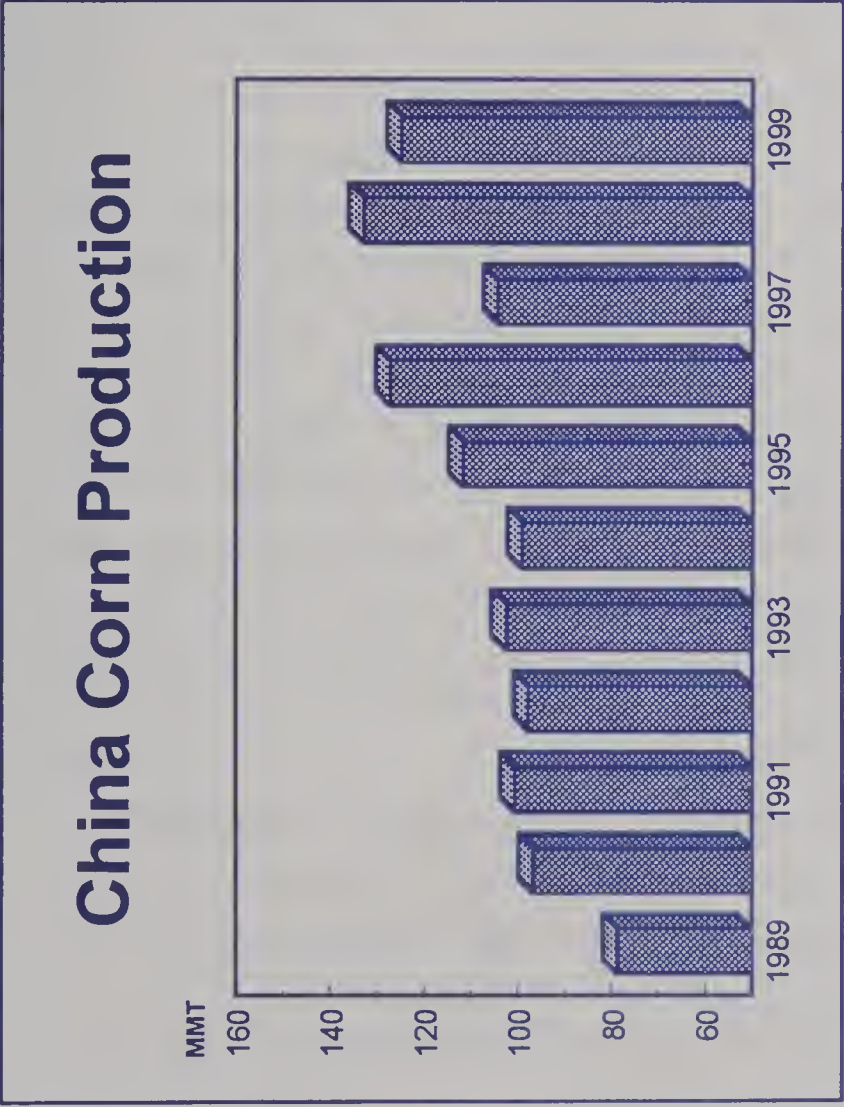
China's 1999/2000 rice crop is estimated at 197.1 million tons, up 4.3 million from last year's flood-impacted crop, but down 3.6 million from the record set in 1997/98. Total rice area is estimated up slightly from last year,

with increased single and late rice area offsetting a reported 2 percent drop in early rice area. About half of China's rice production is single rice (which includes northern rice); the other half is divided roughly equally between early rice and late rice. Planted area for high-value northern rice (japonica) has increased sharply in recent years, while early rice area has been declining in response to lower prices. Early rice (indica) stocks are reportedly very high, and the Government has begun increasing the procurement prices for better varieties of middle and late rice in order to discourage early rice production.

The weather was generally favorable for the 1999/2000 early rice crop, and production is estimated higher than last year despite lower area. Excessive rainfall and local flooding in the lower Yangtze River Valley may have delayed the transplanting and development of single and late rice, but any crop losses this year were minor compared to 1998/99, when China experienced the worst flooding in decades. Heavy rain during the single rice harvest may have had an impact on yield and quality. Southern China has been cooler and cloudier than normal this summer, but seasonable rainfall has provided adequate moisture for the late rice crop and typhoon damage has been minimal. Late rice yields are expected to be very good.

Paulette Sandene, China Analyst
Telephone: (202) 690-0133
E-mail: sandene@fas.usda.gov

Chart 1



China Crop Production

Marketing Year	Corn MMT	Rice MMT	Wheat MMT
89/90	78.9	180.1	90.8
90/91	96.8	189.3	98.2
91/92	98.8	183.8	95.9
92/93	95.4	186.2	101.6
93/94	102.7	177.7	106.4
94/95	99.3	175.9	99.3
95/96	112.0	185.2	102.2
96/97	127.5	195.1	110.5
97/98	104.3	200.7	123.3
98/99	133.0	192.9	110.0
99/00	125.0	197.1	115.0

1999/2000 WORLD COARSE GRAIN PRODUCTION LOWEST SINCE 1995/96

World coarse grain (corn, barley, oats, sorghum, rye, millet, and mixed grains) production for 1999/2000 is forecast at 862.8 million tons, down 23.9 million from last year. This would be the smallest crops since 802.8 million tons were produced in 1995/96. Harvested area and yield are forecast to decline from last season to 301.0 million hectares and 2.87 tons per hectare, respectively. The United States is the world's largest producer of coarse grains and is estimated to produce 261.8 million tons this year or about 30 percent of the global coarse grain output. World corn production is forecast at 591.8 million tons, down two percent from last season's record level based on reduced yield. Barley, oats, rye, and sorghum production are all forecast lower than 1998/99. World barley production is forecast at its lowest level since 1970/71 at 127.7 million tons and world oats production is forecast at the lowest level on record at 24.9 million mainly due to smaller area. World sorghum and rye production are slightly below last season at 20.3 million tons and 59.7 million, respectively. Below is an analysis of corn, barley, and oats production prospects.

Corn: World corn production for 1999/2000 is forecast at a near record 591.8 million tons, down 11.0 million from last year's record level; however, it virtually matches the second largest crop. Output has been trending higher in recent years due to increases in both area and yield. World corn area is estimated at the second highest on record at 138.7 million hectares, up marginally from last year, but down 2.3 million from the 1996/97 record of 141.0 million. World corn yield is forecast at 4.27 tons per hectare, down slightly from last

season's record level. In the United States, corn output is estimated at 238.3 million tons, down 9.7 million from 1998/99 due to a decrease in the projected harvested area and yield. (For the 1999/2000 season, the United States corn production represents 40 percent of world corn production and 63 percent of global corn exports). Yield is down 2 percent from last season at 8.30 tons per hectare. If realized, production would be the fourth largest, while yield would be the third highest on record. After a wet start, corn planting progressed rapidly in early-May, in fact, Iowa and Illinois planted half their corn in one week. Generally, favorable weather prevailed across the Corn Belt; however, hot, dry July weather temporarily deteriorated crop conditions, especially the southern and eastern parts of the Midwest.

In the EU-15, corn production is estimated at 35.8 million tons, up 1.3 million from last season, but below the 1997/98 record level of 38.5 million. Yield is estimated at 8.79 tons per hectare, up 4 percent from last year and the second highest on record. Harvested area is virtually unchanged from last year at 4.1 million hectares. In France, unseasonably warm, dry weather limited moisture for the corn crop -- production is estimated at 14.7 million tons. In Italy, favorable weather has boosted yield prospects to a record of 10.00 tons per hectare with production pegged at 10.0 million tons.

In China, corn production is estimated at 125.0 million tons, down 8.0 million from last season record level. Area is estimated marginally below last year's record at 25.1 million hectares. Favorable early-season

moisture gave way to dry weather across Shandong, southern Hubei, and northern Henan. However, yield continues to be strong at 4.98 tons per hectare due to supplemental irrigation, increased use of high yielding varieties, and favorable weather in the Northeast. In South Africa, corn production typically reflects the extreme variability in rainfall and temperature. Corn sowing begins in late-October and can extend into mid-January. For the 1999/2000 season, production is forecast at an average level of 8.0 million tons, up 0.9 million from last season. Area is forecast stable at 3.0 million hectares.

In Argentina, production is forecast at 15.5 million tons, up 2.0 million from 1998/99. Harvested area is estimated at 3.1 million hectares, up 22 percent from last year's reduced level. Yield is projected at 5.00 tons per hectare, down from the record 6.10 tons of 1997/98 based on normal weather and less fertilizer usage. The crop will be planted starting in October.

In Eastern Europe, corn production is estimated at 25.6 million tons, up slightly from last year. Increases in production for Romania and Hungary more than offset a decrease in the former Yugoslavia. Generally, favorable weather benefitted corn yield potential this season. Romania's corn output is estimated at 9.0 million tons, up 0.5 million tons from last year; Hungary, 6.7 million tons, up 0.7 million from last season; the former Yugoslavia, 7.0 million tons, down 1.2 million tons from 1998/99, mainly due to a reduction in area.

In Mexico, corn production is estimated at a record 19.0 million tons, up 1.2 million from last season. Harvested area is estimated at 8.2

million hectares, up 0.3 million from 1998/99. A normal start of the summer monsoon favored crop development and partially replenished low reservoir levels, needed for irrigating the second corn crop. Yield is estimated at 2.32 tons per hectare, up 3 percent from last season, but marginally below the 1997/98 record of 2.35 tons.

Barley: World barley production for 1999/2000 is estimated at 127.7 million tons, down 9.3 million from last season and the lowest since 119.8 million was produced in 1970/71. Harvested area is estimated to fall to 55.8 million hectares, down 5.3 million from last season and the lowest on record (1960/61). Yield is estimated at 2.29 tons per hectare, slightly above last year and below the record 2.46 tons in 1990/91.

In the United States, barley output is down 20 percent from 1998/99 at 6.2 million tons. Harvested area declined to an estimated 2.0 million hectares, the smallest harvested since records were kept. Low prices for feed barley has caused farmers to switch to other crops or idle their land. Yield is estimated at 3.15 tons per hectare, down 2 percent from last season, but near the 5-year average.

In the FSU-12, barley output has fallen from 50.0 million tons in 1990/91 to an estimated 20.7 million in 1999/2000. Poor weather and continued economic troubles have plagued the crop again this season. Harvested area is estimated at 16.5 million hectares, down 1.6 million from last year due to decreases in Russia and Kazakhstan. Yield is estimated at 1.25 tons per hectare, up 16 percent from last season, but down 12 percent from the 5-year average. In Russia, production rose 1.7 million tons this year to an estimated 11.5

million tons as an increase in yield more than offset a decrease in area. Although output is higher year-to-year, production is still 36 percent below the 5-year average. Unfavorable hot, dry weather in the Volga Valley and surrounding regions caused spring barley production to fall. Normally, about half the barley crop is grown in the spring. In Ukraine, production is estimated at 6.0 million tons, up slightly from last year's poor crop. Nearly all barley grown in Ukraine is spring barley. Below-normal precipitation and hot weather in the eastern and southern areas stressed barley and limited yield to 1.71 tons per hectare. In Kazakhstan, production dropped from 8.5 million tons to 0.8 million during the 1990/91 to 1999/2000 period. Production is down this season due to a further reduction in area as demand for barley continues to falter.

In Canada, production is estimated at 12.7 million tons, unchanged from last year. Weaker feed barley prices relative to other crops and wet planting conditions caused area to remain at a lower level. Although a wet spring delayed planting, cool and wet summer weather aided crop growth and boosted yield potential to 3.10 tons per hectare, the third largest on record.

In the EU-15, production is estimated at 48.6 million tons, down 3.5 million from 1998/99, while area declined 5 percent from last season to an estimated 10.8 million hectares. Drought in Spain and variable weather in France reduced production prospects, but German barley output is projected higher than last season.

In Australia, production is estimated at 4.7 million tons, down 0.7 million from last year.

A relatively poor outlook for barley prices caused producers to reduce area to 2.5 million hectares, down 0.5 million from 1998/99. This would be the lowest area in 5 years. Although there have been dry pockets, generally favorable weather has benefitted the crop and yield potential is estimated near an average of 1.88 tons per hectare.

Oats: World oat production for 1999/2000 is estimated at 24.9 million tons, down 0.9 million from last year and the lowest on record. As world demand for oats declines, area reaches a record low estimate of 14.3 million hectares. Yield is up slightly this season at 1.74 tons per hectare.

In the United States, production is estimated at 2.4 million tons, the third lowest on record. Continuing the long term trend, farmers may reap one of their smallest oat areas on record at 1.1 million hectares. Yield is estimated at an above-average 2.21 tons per hectare.

In the FSU-12, oat production is estimated at 6.1 million tons, virtually unchanged from 1998/99. Area has declined steadily from 10.4 million hectares to 5.5 million from 1990/91 - 1999/2000. Russia, the FSU's primary producer of oats, is estimated to produce 4.5 million tons in 1999/2000, nearly matching last year and down 7.8 million from 1990/91. Unfavorable weather throughout most of the growing season again this year has kept yield low at 1.00 tons per hectare.

In the EU-15, oat production is estimated at 6.2 million tons, nearly unchanged from 1998/99. Area is estimated at 1.8 million hectares, the lowest level on record. The reduction in area is due to agricultural policy reform and a continued slide in demand. With

the exception of Finland where unseasonable dry weather reduced the crop, favorable weather across the EU-15 lifted yields above last season's level to 3.38 tons per hectare.

In Canada, oat production is estimated at 3.6 million tons, down 0.4 million from last year due to a decline in area. High carryin stocks and lower prices dampened producers incentive to plant oats. Yield is estimated at a near average yield of 2.48 tons per hectare as the weather was cool and wet this season.

Timothy Rocke, Foreign Grains Production
Chair

Telephone: (202) 720-1572

E-mail: rocke@fas.usda.gov

Maria Anulacion, Argentina Analyst

Telephone: (202) 690-0138

E-mail: anulacion@fas.usda.gov

Paulette Sandene, China Analyst

Telephone: (202) 690-0133

E-mail: sandene@fas.usda.gov

Suzanne Miller, EU-15 Analyst

Telephone: (202) 720-0882

E-mail: millers@fas.usda.gov

Bryan Purcell, East European Analyst

Telephone: (202) 690-0138

E-mail: purcell@fas.usda.gov

Mark Lindeman, FSU Analyst

Telephone: (202) 690-0143

E-mail: lindeman@fas.usda.gov

Ron White, Mexico Analyst

Telephone: (202) 690-0137

E-mail: whiter@fas.usda.gov

Jim Crutchfield, Australia Analyst

Telephone: (202) 690-0135

E-mail: crutchfieldj@fas.usda.gov

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